



N: EHS/31/24

11/07/2024

To,
Ministry of Environment, Forest & Climate Change
Regional Office (West Central Zone)
Ground Floor, East wing, New Secretarial Building
Civil Lines
Nagpur – 440 001.

Subject: Environmental Clearance Compliance status for Jubilant Ingrevia Limited
Nimbut –Nira, Dist. Pune, Maharashtra for the period **October 2023 to March 2024**.

Reference:

- 1) EC accorded wide letter, F. No. J-11011/745/2007-IA-II(I) Dated 23/12/2008 & EC amendment dated 21/12/2010 & dated 16/10/2018.

Dear Sir,

We are herewith submitting six monthly compliances for the period **October 2023 to March 2024** with necessary annexures for the above referred Environmental Clearance granted by Ministry of Environment, Forests & Climate Change, New Delhi.

Thanking you.

Yours faithfully,
for Jubilant Ingrevia Limited

Authorized Signatory
Satish Bhat
Vice President (O) & Site Head – Nira

Enclosure: Compliance to Specific Conditions & General Conditions (Annexure – 1 to Annexure – 12).

CC: 1) The Regional Officer, MPCB-Pune.

A Jubilant Bhartia Company

OUR VALUES



Jubilant Ingrevia Limited
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CIN : U24299UP2019PLC122657

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**Six Monthly Environmental Compliance Report
For the period 1st OCTOBER 2023 to 31st MARCH-2024**

EC accorded wide letter No. F. No. J-11011/745/2007-IA-II(I) Dated 23/12/2008 & EC Amendment Dt. 21/12/2010 & Dt. 16/10/2018.

For

**M/s. Jubilant Ingrevia Limited
Village Nimbut, Rly. Station Nira
Dist- Pune, Maharashtra 412102 - India**

SIX MONTHLY EC COMPLIANCE REPORT

(OCTOBER 2023 to MARCH 2024)

PART-I: DATA SHEET

1	Project Type: River-valley/Mining / Industry / Thermal / Nuclear/other (specify)	Chemical Industry
2	Name of the Project	Expansion in existing unit Category 5(g) – Distillery with Category 5(f) – Synthetic Organic Chemical Amendment in existing Environmental Clearance to include production of Anhydrous Alcohol (Ethyl Alcohol–99.8%) manufactured from Ethyl Alcohol (94%) produced in-house and purchased from open market
3	Clearance Letter(s)/OM No. date and	EC accorded vide letter No. F. No.J-11011/745/2007-IA-II(I) dated 23.12.2008 & Amendment vide letter no. F. No. J-11011/745/07-IA II (I) Dt. 21.12.2010 and Amendment vide letter no. F. No J-11011/745/2008—1A-II(I) Dt. 17.07.2018.
4	Location	
	a. District (s)	Pune
	b. State (s)	Maharashtra
	c. Latitude/Longitude	Latitude – 18°5'50" Longitude : 74°13'5"
5	Address for correspondence	M/s Jubilant Ingrevia Limited. Village – Nimbut, Rly.Station Nira, District – Pune, Maharashtra, India PIN Code - 412102 Ph. No. – 8956156301 - 10
	a. Address of the Concerned Project Chief Engineer (With Pin Code & telephone/Telex/Fax)	Mr. Satish Bhat Mobile No. - 9096085525 M/s Jubilant Ingrevia Limited Village – Nimbut, Rly.Station Nira, District – Pune, Maharashtra, India PIN Code - 412102

		Ph. No. – 8956156301 - 10
6	Salient Features	
	a. Of the Project	Copy Pre-Feasibility Report & EIA are already submitted.
	b. Of the Environmental Management Plan	Copy of EMP covering all environmental aspects & management plan is already submitted.
7	Breakup of the project area	
	a. Other	Project is located in existing unit in Village – Nimbut –Nira, Dist. Pune, Maharashtra.
8	Breakup of the project affected population with enumeration of those losing houses/dwelling units only agriculture land only both dwelling units & agricultural land and landless labourers/artisans a. SC,ST /Adivasis b. Others	Not Applicable. No additional land acquired. Project is located in existing unit area in Village –Nimbut –Nira, Dist. Pune, Maharashtra.
9	Financial Details	
	Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs. 200 crores
	a. Allocation made for environmental management plans with item wise and year wise break up	Rs. 27 crores
	b. Benefit cost ratio / Internal Rate of Return and the year of assessment	Not Applicable
	c. Whether c. includes the cost of environmental management as shown in the above	Not Applicable

	d. Actual expenditure incurred on the project so far	Rs. 30.14 crores (Three projects are pending a. Ethyl Alcohol – 100 KLD b. CO2 – 60 MT/D c. Power Plant – 12 MW)		
	e. Actual expenditure incurred on the environmental management plans so far	Rs. 32.55 crores		
10	Forest land requirement	Not Applicable		
	a. The status of approval for diversion of forest land for non-forestry use	Not Applicable		
	b. The status of clearing felling	Not Applicable		
	c. The status of compensatory afforestation (if any)	Not Applicable		
11	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads) if any with quantitative information required.	Not Applicable		
12	Status of construction (Actual & /or Planned)			
	a. Date of commencement (Actual & /or Planned)	Sr. No	Project Name	Date of Commencement
		1	Anhydrous Alcohol plant	10.02.2016
		2	Acetic Anhydride plant – II (125 MTD)	10/02/2011
		3	Ethyl Acetate Plant – IV	12/08/2010
		4	Ethyl Acetate Plant – V	26/06/2011
		5	New ETP	21/11/2017
		6	New STP	15/04/2019
		7	MEE + ATFD	10/12/2018
		8	RO Plant-Brackish	10/12/2018
		9	22.5 TPH Boiler	07/02/2018
		10	Bio-compost Shed	07/02/2018
	b. Date of completion (Actual & /or Planned)	Sr. No	Project Name	Date of completion
		1	Anhydrous Alcohol plant	04.12.2016
		2	Acetic Anhydride plant – II (125 MTD)	20/01/2012
		3	Ethyl Acetate Plant – IV	06/06/2011
		4	Ethyl Acetate Plant – V	16/10/2012
		5	New ETP	25/12/2018
		6	New STP	06/12/2019
		7	MEE + ATFD	29/09/2019

		8	RO Plant-Brackish	06/10/2019
		9	22.5 TPH Boiler	09/06/2019
		10	Bio-compost Shed	31/03/2019
13	Reason for the delay if the project is yet to start	Not Applicable		
14	Date of site visits a. The dates on which the project was monitored by the Regional office on the previous occasions, if any.	Not Applicable		
	b. Date of site visit for this monitoring report	Not Applicable		
15	Details of correspondence with project authorities for obtain action plans/information on status of compliance to safeguard other than the routine letters for logistic support for the visits)	Not Applicable		

Environmental Clearance Compliance status

For

EC accorded vide letter no. F. No. J-11011/745/2007-IA-II(I) dated 23.12.2008

Sr	Details	Compliance status
1	<p>This has reference to your letter No. N:MRS:021/08 dated 8th Sept. 2008 along with copy of EIA/EMP and Public hearing reports seeking environmental clearance under the Environment Impact Assessment Notification, 2006.</p>	Noted
2	<p>The Ministry of Environment and Forests has examined the proposal. It is noted that M/S Jubilant organosys Ltd. have proposed for expansion of molasses based Distillery from 90 KLPD to 200 KLPD to manufacture organic chemical products & install a 12 MW new captive power plant at Nimbur Nira, Dist. Pune in Maharashtra. No protected forests/eco-sensitive area located within 10 Km radius from the unit. River Nira flows at a distance of 0.5 Km from project site. Proposed expansion will be carried within the existing unit. Total land of the unit at present is about 130 Acres. Land required for proposed expansion would be around 23 Acres, which will be accommodated within existing premises. Green belt will be developed in 16.5 acres of land apart from the existing green belt of 25 acres. The unit will be in operation for 350 days. The project cost is estimated to be Rs. 200.00 crores of which an amount of Rs. 27.00 crores will be spent on environmental protection measures.</p>	<ul style="list-style-type: none"> - Distillery capacity was expanded to 100 KLD and product mix was changed under the Product Mix Change provisions of EIA notification. The EC is expired and no further expansion is proposed until fresh EC is obtained. - There is no protected forests/eco-sensitive area located within 10 Km radius from the unit. - Expansion as proposed is only partly constructed due to adverse market condition. The portion of the project constructed is carried out within existing premises only. - Total 36.5 Acres of Green Belt is maintained within existing premises. (Refer Annexure-1 for details of Green Belt). - Unit is operational for 365 days as per amended CTO from Maharashtra Pollution Control Board.

Sr	Details	Compliance status																																																								
3	<p>Details of the product profile are given below;</p> <table border="1" data-bbox="367 1052 941 1926"> <thead> <tr> <th>Product</th> <th>Existing Capacity</th> <th>Proposed Capacity</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Ethyl Alcohol(KLD)</td> <td>90</td> <td>110</td> <td>200</td> </tr> <tr> <td>Acetaldehyde(TPD)</td> <td>83</td> <td>100</td> <td>183</td> </tr> <tr> <td>Acetic Acid(TPD)</td> <td>103</td> <td>100</td> <td>203</td> </tr> <tr> <td>Acetic Anhydride(TPD)</td> <td>52</td> <td>0</td> <td>52</td> </tr> <tr> <td>Ethyl Acetate(TPD)</td> <td>111</td> <td>136</td> <td>247</td> </tr> <tr> <td>Carbon dioxide(TPD)</td> <td>20</td> <td>60</td> <td>80</td> </tr> <tr> <td>Vinyl Acetate Monomer (TPD)</td> <td>45</td> <td>0</td> <td>45</td> </tr> <tr> <td>Power(MW)</td> <td>0</td> <td>12</td> <td>12</td> </tr> </tbody> </table>	Product	Existing Capacity	Proposed Capacity	Total	Ethyl Alcohol(KLD)	90	110	200	Acetaldehyde(TPD)	83	100	183	Acetic Acid(TPD)	103	100	203	Acetic Anhydride(TPD)	52	0	52	Ethyl Acetate(TPD)	111	136	247	Carbon dioxide(TPD)	20	60	80	Vinyl Acetate Monomer (TPD)	45	0	45	Power(MW)	0	12	12	<p>Consent to Operate obtained for following products from MPCB and valid up to 31/08/2027. (Refer Annexure-2)</p> <table border="1" data-bbox="351 201 973 963"> <thead> <tr> <th>Product</th> <th>Existing Capacity</th> </tr> </thead> <tbody> <tr> <td>Ethyl Alcohol (94%) -Rectified Spirit)</td> <td>100*</td> </tr> <tr> <td>Ethyl Alcohol (99.8%)-Anhydrous Alcohol</td> <td>100*</td> </tr> <tr> <td>Acetaldehyde (TPD)</td> <td>0**</td> </tr> <tr> <td>Acetic Acid (TPD)</td> <td></td> </tr> <tr> <td>Acetic Anhydride(TPD)</td> <td>210[#]</td> </tr> <tr> <td>Ethyl Acetate (TPD)</td> <td>334[#]</td> </tr> <tr> <td>Carbon dioxide (TPD)</td> <td>50</td> </tr> <tr> <td>Vinyl Acetate Monomer (TPD)</td> <td>0</td> </tr> <tr> <td>Power (MW)</td> <td>0</td> </tr> </tbody> </table> <p>* Amount of Rectified Spirit and Anhydrous Alcohol shall not exceed 100 KLD.</p> <p>** Acetic Acid & Acetaldehyde production discontinued due to market situation. Against these products, Ethyl Acetate & Acetic Anhydride production increased were increased for which an EC amendment was granted by MoEFCC for change in product mix in 21/12/2010 [EC Ref. No. – F. No. J-11011/745/07-IA II(I)].</p>	Product	Existing Capacity	Ethyl Alcohol (94%) -Rectified Spirit)	100*	Ethyl Alcohol (99.8%)-Anhydrous Alcohol	100*	Acetaldehyde (TPD)	0**	Acetic Acid (TPD)		Acetic Anhydride(TPD)	210 [#]	Ethyl Acetate (TPD)	334 [#]	Carbon dioxide (TPD)	50	Vinyl Acetate Monomer (TPD)	0	Power (MW)	0
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Sr	Details	Compliance status
4	<p>The total water requirement is 7231 m³/d. About 2723 m³/d of water requirement will be met from the recycling of water through RO and Utility. The fresh water requirement of 4667 m³/d will be sourced from the river Nira. Total effluent generation will be 1560 m³/d. The spent wash generation after the proposed expansion will be 1210 m³/d. The slop boiler for power generation will be by evaporation followed by incineration in condensate from evaporator (1020 m³/d) will be recycled. The steam from the boiler will be used for power generation. The effluent from organic chemical plants will be treated on effluent treatment plant. Treated effluent will be reused in Utility. Utility effluent will be treated in RO plant and reused in Utility. While domestic effluent will be treated in a sewage treatment plant and treated effluent will be reused in horticulture.</p> <p>In the existing distillery about 1170 m³/d of spent wash is generated which after bio methanation about 800 m³/d of treated spent wash is sent to RO plant and 370 m³/d is composted with press mud. The permeates (560 m³/d) will be recycled in the distillery unit and rejects (240 m³/d) will be composted with press mud. The particulate emission from the 75 TPH AFBC coal fired boiler and 23 TPH slope and coal fired boiler will be controlled by ESP and bag filterers respectively and the emission will be dispersed through stack of 75 m and 23 m respectively.</p>	<p># Under product mix- increase in Acetic Anhydride with corresponding decrease in Ethyl Acetate</p> <ul style="list-style-type: none"> - Agreement for fresh water supply of 1.09 MM3/Annum from Nira river with Irrigation Dept. - Existing average water consumption is 2009.29 m³/Day. - Presently effluent generation from the chemical plant and the utility is around 267.05 m³/Day which is treated and recycled back to plant for reuse. - Domestic effluent is treated in an STP (capacity 156.7) is recycled for reuse in horticulture. - Our Distillery is not in Operation since 17/01/2024. Earlier when it was in operation, spent wash <1050 KLD from the distillery was treated in the Bioreactor for bio-methanation, thus generating Biogas as a renewable source of energy used in steam boilers and chemical plant furnaces. Bio Methanated spent wash was treated through RO for recovering up to 50% water and reused in process/utility. RO Reject was further concentrated through MEE for further recovering of water and reused in process/utility. The concentrated effluent from the MEE was then treated through Press Mud Bio-composting, and thus Zero Liquid Discharge was achieved. - ESP & Bag filters are provided to control particulate matter emission complying to the norms stipulated CPCB guidelines.

Sr	Details	Compliance status
5	<p>About 4.4 TPD of fermentation sludge would be generated, and will be used in the bio-composting. Fly ash generation will be reduced to 47 TPD from existing rate of generation of 52 TPD due to use of imported coal. Fly ash will be used for land reclamation within the unit or will be supplied to cement manufacturers. The ash from the boiler 34 TPD will be used as fertilizer.</p> <p>The hazardous waste generated from proposed Acetic Acid and Ethyl Acetate plant would be reprocessed for recovery and concentrated to minimize the quantity of generation. The additional generation of about 40 Kg/d, will be sent to common hazardous waste facility of Maharashtra Enviro Power Ltd., Ranjangaon. while 10 ltr/day of used oil will be sold to authorized preprocessors.</p>	<ul style="list-style-type: none"> - Average 3.81 TPD fermentation sludge is generated and used in the bio-composting during assessment period. - Average 15.10 TPD of fly ash is being generated during assessment period. Imported coal is being used preferably as per availability and supplemented by Indian coal in case of shortfall. Fly ash is supplied to brick manufacturer, cement manufacturer & land reclamation as per Fly ash notification. - Membership of Maharashtra Enviro Power Ltd. (MEPL), Ranjangaon is taken for non-recyclable hazardous waste disposal and also CTO amendment is taken for sending recyclable/co-processable hazardous wastes to cement coprocessors or recyclers under Rule-09 of Hazardous Waste Rules.
6	<p>All molasses based distilleries have been listed at SL.no.5 (g) in category "A" as per the EIA notification, 2006 and have to be appraised by the Central Government. Since the unit is manufacturing synthetic chemicals it also falls in the category 5(f) of EIA Notification 2006. The Expert Appraisal Committee (Industry) considered the project in its 87th meeting held on 25th -26th November 2008(p.185-187/c). The committee recommended the project for environmental clearance. The method of treatment of spent wash is as per the CPCB guidelines.</p>	<p>Noted</p>

<p>7. A. SPECIFIC CONDITIONS</p>	
<p>i.</p> <p>The particulate emissions from 75TPH Coal fired AFBC boiler & 23TPH slop & coal fired boiler shall be controlled by installation of ESP & bag filters respectively. The emissions shall be dispersed through stacks for which height shall be as per the CPCB standards.</p>	<p>Complied.</p> <ul style="list-style-type: none"> - Of the proposed 75 TPH coal fired boiler, 35 TPH coal fired AFBC boiler commissioned and 22.5 TPH coal fired boiler commissioned against proposed 23 TPH & coal fired boiler. As Distillery expansion was not implemented, slop fired boiler not installed. ESP is installed for control of PM for both the boilers. - Stack height (55m) as per CPCB standards is provided.
<p>ii.</p> <p>The company shall adopt continuous fermentation technology. The spent wash generated after the proposed expansion shall be concentrated in the MEE followed by incineration in the boiler to achieve zero discharge. In the existing distillery the spent wash after bio methanation shall be sent to RO plant. The permeates shall be recycled and rejects shall be composted with press mud to achieve zero discharge. No effluent shall be discharged outside the factory premises and zero discharge shall be strictly followed. Land & other requirements for treatment of spent wash with press mud shall be as per CPCB guidelines. The compost yards shall be made impervious as per CPCB guideline. The compost yard shall have leachate collection system.</p>	<p>Complied.</p> <p>Existing Distillery</p> <ul style="list-style-type: none"> - Spent wash generated is being bio-methanated and then treated through RO for recovery of up to 50% permeate for reuse. The RO Reject is further concentrated through MEE, in compliance to the latest CPCB guidelines for distillery ZLD to reduce spent wash volume by at least 60%, and the concentrated spent wash is treated through bio-composting for ZLD. An integrated MEE was installed in 2017 at the distillery and the recovered condensate is reused to process/utility. - Further, covered shed bio-composting facilities has also been installed to facilitate 365 days operations, against the earlier 270 days operation. MPCB issued

A. SPECIFIC CONDITIONS	
7.	<p>Amendment CTO for distillery to facilitate 365 days operation in year with adequate precaution during rainy season, as per CPCB guidelines and OM of the MoEFCC. Zero Liquid Discharge is being strictly followed.</p> <ul style="list-style-type: none"> - Compost yard was constructed in 2005 consists of impervious flooring as per CPCB guidelines. - Photographs of Distillery unit, Bio-methanation reactor, RO plant, MEE and Bio-compost yard, are attached as Annexure – 3 <p><u>Distillery Expansion</u></p> <ul style="list-style-type: none"> - The additional distillery capacity expansion by 100 KLD was delayed due to unfavorable business economics and due to shortage of Molasses and the EC expired. Currently we have stopped our distillery operation from 17/01/2024, due to unfavorable market conditions.
iii.	<p>The effluent from the chemical plant shall be subjected to acid recovery and the balance effluent streams along with the existing effluent shall be treated in the ETP. The treated effluent after conforming to the prescribed standards shall be recycled.</p> <p>The effluent stream from the cooling tower and boiler blow down shall be sent to RO plant and permeates shall be used for cooling tower makeup.</p> <p>Complied.</p> <ul style="list-style-type: none"> - Effluent from the Acetic Anhydride Plant is recovered through acid recovery system inbuilt in the process. Effluent after recovery is treated in an ETP and then treated through RO for reuse in utility. - Effluent from Ethyl Acetate plant is partly recycled within the plant. Thereafter, excess effluent is treated in ETP & RO for reuse in utility.

A. SPECIFIC CONDITIONS	
7.	<p>The domestic effluent after treatment in the sewage plant shall be used for green belt development.</p> <ul style="list-style-type: none"> - Cooling towers are operated at >7 CoC and blowdown is treated in RO with capacity 1000 KLD for recovery and reuse. - Sewage is treated in STP (160 KLD) and treated water is used in plantation area. <p>The conventional aeration treatment system for effluent was upgraded in 2018 process with anoxic treatment and MBBR technology to enhance the quality of treated effluent and thus increase recovery of treated effluent for reuse.</p> <p>Photographs of ETP is enclosed as Annexure -4.</p>
iv.	<p>The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE & shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendations, storage shall not exceed 30 days capacity.</p> <p>Complied.</p> <p>Spent wash from Distillery plant after treatment through Bio digester, Reverse Osmosis plant and MEE, the concentrated spent wash is being stored in impervious lagoons constructed as per CPCB guideline including HDPE lining to prevent ground water pollution.</p> <p>The storage of spent wash is ensured not to exceed 30 days.</p>
v.	<p>Complied.</p> <p>13 Nos of piezometers are set up to monitor ground water quality and periodic report submitted to the MoEFCC.</p> <p>As the ground water quality in the project area was contaminated due to effluent storage in kuccha lagoons by M/s Polychem Limited prior to its takeover by Jubilant Organosys</p>

A. SPECIFIC CONDITIONS	
7.	<p>Limited in 2000, a comprehensive ground water remediation program is under implementation with Pump and treat as per the directions of the Hon'ble NGT in the matter of (Case No240 of 2009)Janardan Pundalikrao Pharande & Anr Vs MoEF & Ors, The contaminated aquifer is estimated to be remediated in about 5 years' time from May 2020, when the aquifer remediation program is implemented as approved by the Hon'ble NGT.</p>
vi.	<p>The company shall obtain permission to draw water from the state irrigation authority.</p> <p>Complied. Permission to withdraw water 1.09 Mm³/year from River Nira is granted by Pune Irrigation Division, Pune. Refer Annexure-5 for permission from Irrigation Division, Pune.</p>
vii.	<p>Green belt in 33% of the plant area shall be provided to mitigate the effects of fugitive emissions all around the plant & compost yard as per the CPCB guidelines in consultation with the local DFO.</p> <p>Complied. 33% of available open area is developed as green belt within the site with local species suitable for the region, as dust barriers to fugitive dust emission. Annual plantation program is undertaken for gap filling and new areas wherever possible within and around the plant boundary. Tree plantation initiatives are also taken in the community around the plant site.</p>

7. A. SPECIFIC CONDITIONS	
	<p>Photographs of green belt are attached as Annexure – 1.</p> <p>The number of tree saplings planted during the past 5 years is 2018 (1000 Nos), 2019 (1700 Nos), 2020(1005 Nos), 2021 (1025 Nos), 2022 (970 Nos) & 2023 (964 Nos) .</p>
viii.	<p>Company shall adopt rainwater harvesting measures to recharge the ground water.</p> <p>Complied.</p> <p>The ground water table is very shallow at about 4 mtrs only and therefore is not suitable for undertaking artificial recharge as per the CGWA guidelines. However, artificial recharge pits are excavated at the upstream within the property as per the action plan approved by the Hon'ble NGT to ensure no impact on downstream users. During monsoon, direct rainfall and surface runoff recharge ground water through these recharge pits and during the non-monsoon period the recharge pond is fed through fresh raw water source through pipelines.</p> <p>Additional, rainwater harvesting structure has been made for roof rainwater runoff for the captive employees township area.</p>

7. A. SPECIFIC CONDITIONS	
<p>ix. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure & facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plants, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.</p>	<p>Complied. Most work force for projects is sourced from nearby villages and only highly skilled workers from outside is housed within the existing captive township. The staying arrangement of construction labour at site is therefore not envisaged. However other facilities including safe drinking water, medical, sanitation, sewage treatment, etc. are provided.</p>
B. GENERAL CONDITIONS & COMPLIANCE STATUS :	
<p>i. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment & Forests.</p>	<p>Complied.</p>
<p>ii. Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO₂, and NO_x, are anticipated in consultation with the State Pollution Control Board.</p>	<p>Complied. AAQ monitoring is carried out monthly through 3rd party MoEF/MPCB approved agencies at 3 places identified in consultation with the MPCB. The parameters monitored are within the limits. Last AAQ monitoring report is enclosed as Annexure – 6.</p>

GENERAL CONDITIONS & COMPLIANCE STATUS :	
B.	<p>iii. Adequate number of influent & effluent quality monitoring Stations shall be set up in consultation with the SPCB. Regular monitoring should be carried out for relevant parameters.</p>
	<p>Complied. Essential parameters of Effluent is analyzed on a daily basis in in-house laboratory. In addition, 3rd party monitoring is carried out monthly. The effluent parameters are within the limits specified. Online Continuous Emission Monitoring System (OCEMS) is installed as per CPCB guidelines and connected to server of CPCB as well the MPCB server for stacks and treated effluents. Latest effluent analysis & Stack emission report is enclosed as Annexure-7a,7b & Annexure – 8 respectively</p>
iv.	<p>The industry shall ensure that treated effluent & stack emissions from the unit are within the norms stipulated under the EPA rules/SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shutdown & shall not be restarted until control measures are rectified to desired efficiency.</p>
	<p>Complied.</p>
v	<p>The overall noise levels in & around the plant area shall be kept within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA Rules, 1989 viz 75 dBA (day) & 70 dBA (night).</p>
	<p>Complied. The noise monitoring is carried out periodically during the day and night. Noise levels are within norms. Noise monitoring report enclosed as Annexure – 9.</p>

GENERAL CONDITIONS & COMPLIANCE STATUS :	
<p>B. vi.</p>	<p>Occupational Health Surveillance programme shall be undertaken as regular exercise for all the employees'. The first aid facilities in the occupational health center shall be strengthened & the medical records of each employee shall be maintained separately.</p>
<p>vii.</p>	<p>A separate environmental management cell equipped with full-fledged laboratory facilities must be set up to carry out the environmental management & monitoring functions.</p>

Complied.

Occupational health center has been provided with a full time Qualified medical officer with paramedical staff and ambulance.

Pre medical health checkup is undertaken for every new joinee and periodic Occupational Health Surveillance programme is undertaken on six monthly basis for all employees under the supervision of the Medical officer and the record of the same maintained.

A sample copy of the periodic health surveillance report is attached in **Annexure 10**

Complied.

Environmental Management Cell (EMC) is in place; it is headed by Associated Director -EHS with four dedicated EHS professionals in his team. The unit team is guided by Environmental experts from the Corporate Office in Noida, UP.

Environmental monitoring is carried out by in-house laboratory and also through MoEF approved 3rd party Laboratory. An in-house qualified Agriculture Expert looks after the management of distillery effluent bio-composting using press mud.

GENERAL CONDITIONS & COMPLIANCE STATUS :	
B. viii.	<p>The project authorities shall provide requisite funds for both recurring & non-recurring expenditure to implement the conditions stipulated by the Ministry of Environment & Forests as well as the state government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.</p> <p>Complied. Adequate funds are budgeted and provided for recurring and non-recurring expenditures. Funds provided for environment control are not diverted for any other purpose. The capex expenditures for environment management so far is Rs. 67.90 Cr from 2019 to March 2024. The capex expenditures for environment management during the October 2023 to March 2024 was about Rs. 2.59 Cr.</p>
ix.	<p>The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office a Bhopal/State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data shall be submitted to the monitoring agencies.</p> <p>Complied. Six monthly compliance status report along with the monitored data submitted to Regional Office, MoEFCC. Last report was submitted on 25/01/2024 through Email ID Jubl.Nira@jubl.com.</p>
x.	<p>The project Proponent shall inform the public that the project has been accorded EC by the Ministry & copies of the clearance letter are available with the SPCB / Committee & may also be seen at website of the Ministry of Environment & Forest at http://envfor.ni.in. This shall be advertised within seven days from the date of issue of clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned & a copy of the same shall be forwarded to the Regional Office.</p> <p>Complied. Regarding EC, advertisement was published in local Newspaper Daily Loksatta in Marathi & Indian Express in English Copy of EC submitted to Regional Office with 6 monthly compliances. Advertisement in local newsletter is enclosed as Annexure-11.</p>

GENERAL CONDITIONS & COMPLIANCE STATUS :	
B.	<p data-bbox="296 1016 411 1951">The project authorities shall inform the Regional Office as well as the Ministry the date of financial closure & final approval of the project by the concerned authorities & the date of start of land development work.</p> <p data-bbox="296 208 539 1003">Complied. The project commissioned after obtaining consent to establish and consent to operate from MPCB as and when completed in phases since 2011. Copies of Consent to Establish (Annexure-12) and Consent to Operate is enclosed as Annexure-2).</p>
8	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
9	The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
10	Any appeal against this Environmental clearance shall lie with the National Environment Appellate Authority if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
11	The above conditions will be enforced, inter-alia under the provisions of the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981, Environment Protection Act, 1986, Hazardous Waste (M&H) Rules, 2003 & The Public Liability Insurance Act, 1981 along with their amendments & Rules.

Environmental Clearance Compliance status For

EC accorded vide letter no. F. No. J-11011/745/2007-IA-II(I) dated 21.12.2010

Sr	Details	Compliance status																								
1	<p>Kindly refer your letter No. Nil dated 12th July 2010 wherein you have mentioned that you want install Acetic Anhydride plant (125 TPD) against the Acetaldehyde (100 TPD) and Acetic Acid (100 TPD) (Total capacity 200 TPD). You have also mentioned that due to reduction in the quantity from 200 TPD to 125 TPD, raw material requirement, total volume of production & pollution load will reduced.</p>	Agreed																								
2	<p>It is observed that Ministry has accorded environmental clearance for the expansion of molasses based distillery unit (90 KLPD to 200 KLPD), organic chemical products & 12 MW new captive power plant at Nimbh Nira, Dist. Pune in Maharashtra vide letter number J-11011/745/2007-IA-II(I) dated 23.12.2008 to M/s. Jubilant Organosys Ltd. for the following products & production capacity.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Product</th> <th style="text-align: center;">Existing Capacity</th> <th style="text-align: center;">Proposed Capacity</th> <th style="text-align: center;">Total</th> </tr> </thead> <tbody> <tr> <td>Ethyl Alcohol(KLD)</td> <td style="text-align: center;">90</td> <td style="text-align: center;">110</td> <td style="text-align: center;">200</td> </tr> <tr> <td>Acetaldehyde(TPD)</td> <td style="text-align: center;">83</td> <td style="text-align: center;">100</td> <td style="text-align: center;">183</td> </tr> <tr> <td>Acetic Acid(TPD)</td> <td style="text-align: center;">103</td> <td style="text-align: center;">100</td> <td style="text-align: center;">203</td> </tr> <tr> <td>Acetic Anhydride(TPD)</td> <td style="text-align: center;">52</td> <td style="text-align: center;">0</td> <td style="text-align: center;">52</td> </tr> <tr> <td>Ethyl Acetate(TPD)</td> <td style="text-align: center;">111</td> <td style="text-align: center;">136</td> <td style="text-align: center;">247</td> </tr> </tbody> </table>	Product	Existing Capacity	Proposed Capacity	Total	Ethyl Alcohol(KLD)	90	110	200	Acetaldehyde(TPD)	83	100	183	Acetic Acid(TPD)	103	100	203	Acetic Anhydride(TPD)	52	0	52	Ethyl Acetate(TPD)	111	136	247	Agreed
Product	Existing Capacity	Proposed Capacity	Total																							
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Sr	Details			Compliance status	
	Carbon dioxide (TPD)	20	60		80
	Vinyl Acetate Monomer (TPD)	45	0	45	
	Power(MW)	0	12	12	

Sr	Details	Compliance status																																																						
3	<p>Now, you have proposed to manufacture Acetic Anhydride plant (125 TPD) in place of Acetaldehyde (100 TPD) & Acetic Acid (100 TPD) due to fluctuating market demand of Acetaldehyde & Acetic Acid as per details given below;</p> <table border="1" data-bbox="359 302 710 1944"> <thead> <tr> <th>Product</th> <th>EC as per 2008</th> <th>Proposed Amendment in Product Mix</th> <th>Total after Amendment</th> </tr> </thead> <tbody> <tr> <td>Ethyl Alcohol(KLD)</td> <td>200</td> <td>-</td> <td>200</td> </tr> <tr> <td>Acetaldehyde(TPD)</td> <td>183</td> <td>100 (Deduction)</td> <td>83</td> </tr> <tr> <td>Acetic Acid(TPD)</td> <td>203</td> <td>100 (Deduction)</td> <td>103</td> </tr> <tr> <td>Acetic Anhydride (TPD)</td> <td>52</td> <td>125</td> <td>177</td> </tr> <tr> <td>Ethyl Acetate(TPD)</td> <td>247</td> <td>-</td> <td>247</td> </tr> <tr> <td>Carbon dioxide (TPD)</td> <td>80</td> <td>-</td> <td>80</td> </tr> <tr> <td>Vinyl Acetate Monomer (TPD)</td> <td>45</td> <td>0</td> <td>45</td> </tr> <tr> <td>Power(MW)</td> <td>12</td> <td>-</td> <td>12</td> </tr> </tbody> </table>	Product	EC as per 2008	Proposed Amendment in Product Mix	Total after Amendment	Ethyl Alcohol(KLD)	200	-	200	Acetaldehyde(TPD)	183	100 (Deduction)	83	Acetic Acid(TPD)	203	100 (Deduction)	103	Acetic Anhydride (TPD)	52	125	177	Ethyl Acetate(TPD)	247	-	247	Carbon dioxide (TPD)	80	-	80	Vinyl Acetate Monomer (TPD)	45	0	45	Power(MW)	12	-	12	<p>Consent to Operate obtained for following products. Consent to operate from MPCB received and valid up to 31/08/2027.</p> <table border="1" data-bbox="359 996 710 1944"> <thead> <tr> <th>Product</th> <th>Existing Capacity</th> </tr> </thead> <tbody> <tr> <td>Ethyl Alcohol (94%) -Rectified Spirit)</td> <td>100*</td> </tr> <tr> <td>Ethyl Alcohol (99.8%)-Anhydrous Alcohol</td> <td>100*</td> </tr> <tr> <td>Acetaldehyde (TPD)</td> <td>0**</td> </tr> <tr> <td>Acetic Acid (TPD)</td> <td>210#</td> </tr> <tr> <td>Ethyl Acetate (TPD)</td> <td>334#</td> </tr> <tr> <td>Carbon dioxide (TPD)</td> <td>50</td> </tr> <tr> <td>Vinyl Acetate Monomer (TPD)</td> <td>0</td> </tr> <tr> <td>Power (MW)</td> <td>0</td> </tr> </tbody> </table> <p>* Amount of Rectified Spirit and Anhydrous Alcohol shall not exceed 100 KLD. ** Acetic Acid & Acetaldehyde production discontinued due to market situation. Against these products, Ethyl Acetate & AC2O production increased were increased for which an EC amendment was granted by MoEFCC for change in product mix in 21/12/2010 [EC Ref. No. – F. No. J-11011/745/07-IA II(I)]. # Under product mix- increase in acetic anhydride with corresponding decrease in ethyl acetate.</p>	Product	Existing Capacity	Ethyl Alcohol (94%) -Rectified Spirit)	100*	Ethyl Alcohol (99.8%)-Anhydrous Alcohol	100*	Acetaldehyde (TPD)	0**	Acetic Acid (TPD)	210#	Ethyl Acetate (TPD)	334#	Carbon dioxide (TPD)	50	Vinyl Acetate Monomer (TPD)	0	Power (MW)	0
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Sr	Details	Compliance status
4	<p>The matter was discussed in the expert appraisal committee (Industry-2) held during 16th-17th Sept. 2010. You have informed that pollution load will not increase due to reduction in the quantity of change in product mix. Fresh water consumption will be reduced from 4665 m3/Day to 4637 m3/Day. Effluent quantity will be reduced by 16 m3/Day & zero discharge of effluent will be maintained. There will be no change in solid / hazardous waste generation.</p>	<ul style="list-style-type: none"> - Existing average water consumption is approx. 2009.29 m3/Day. - Effluent is treated within plant & treated water is recycled back to plant for reuse. Zero discharge of effluent is maintained. - Hazardous waste generation quantity is reduced from previous financial year.
5	<p>The matter was examined in the Ministry & have agreed for amendment in the product mix by adding Acetic Anhydride (125 TPD) in place of Acetaldehyde & Acetic Acid (100 TPD each) subject to satisfactory compliance to all the environmental conditions stipulated in the Environmental Clearance No. J-11011/745/2007-IA-II(I) dated 23.12.2008.</p>	<p>Agreed</p>
6	<p>All the other specific & general conditions shall remain same & complied satisfactorily.</p>	<p>Noted & status is detailed in the pointwise compliance report against original EC issued on 23/12/2008.</p>
7	<p>This letter shall be kept with the original environment clearance letter.</p>	<p>Noted</p>
8	<p>This letter has been issued after approval from the competent authority.</p>	<p>Noted</p>

Environmental Clearance Compliance status

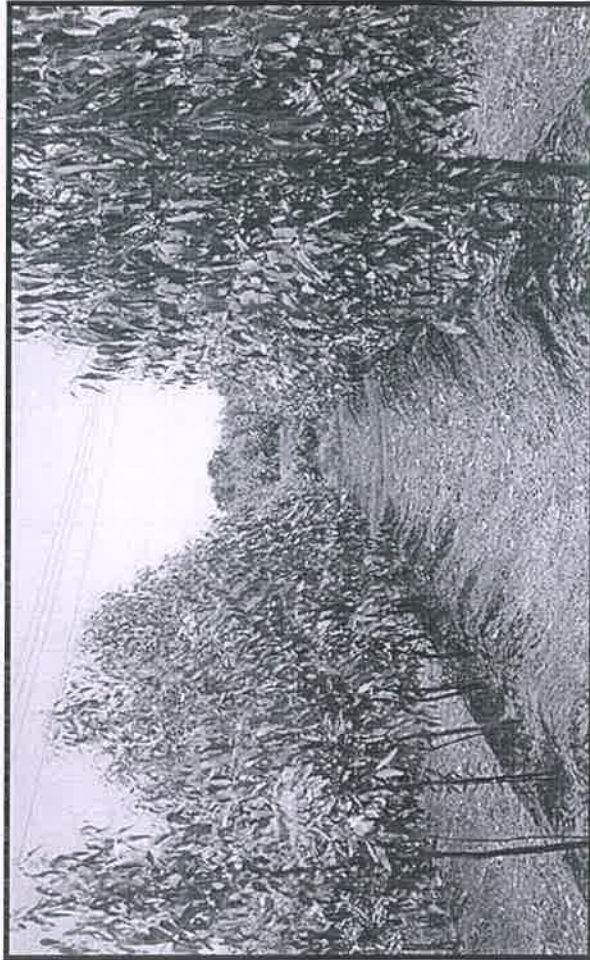
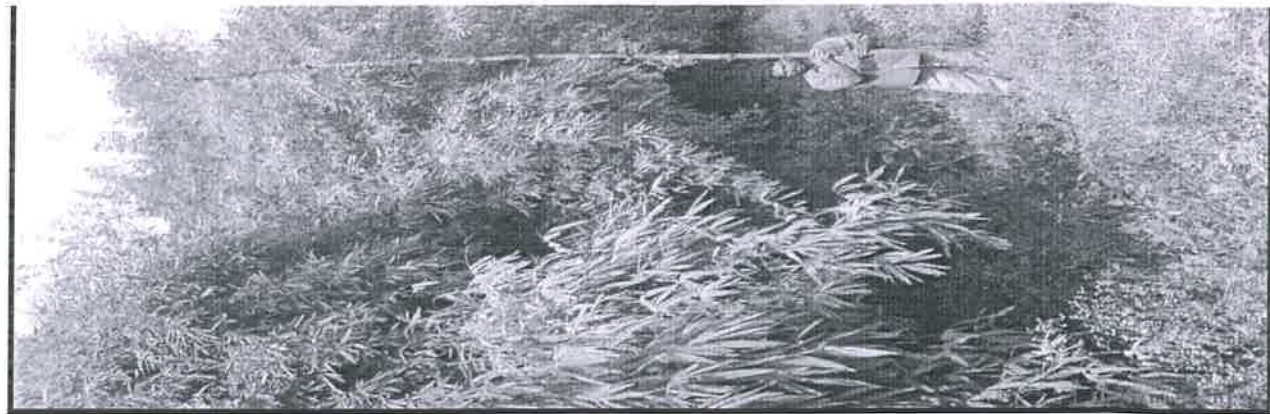
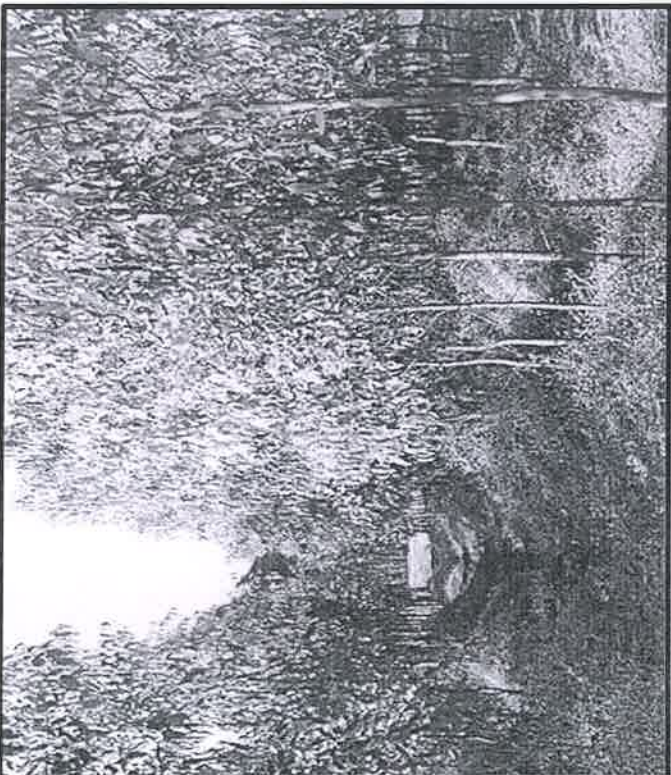
For

EC accorded vide letter no. F. No. J-11011/745/2007-IA-II(D) dated 16.10.2018 and Amended in 17.06.2021

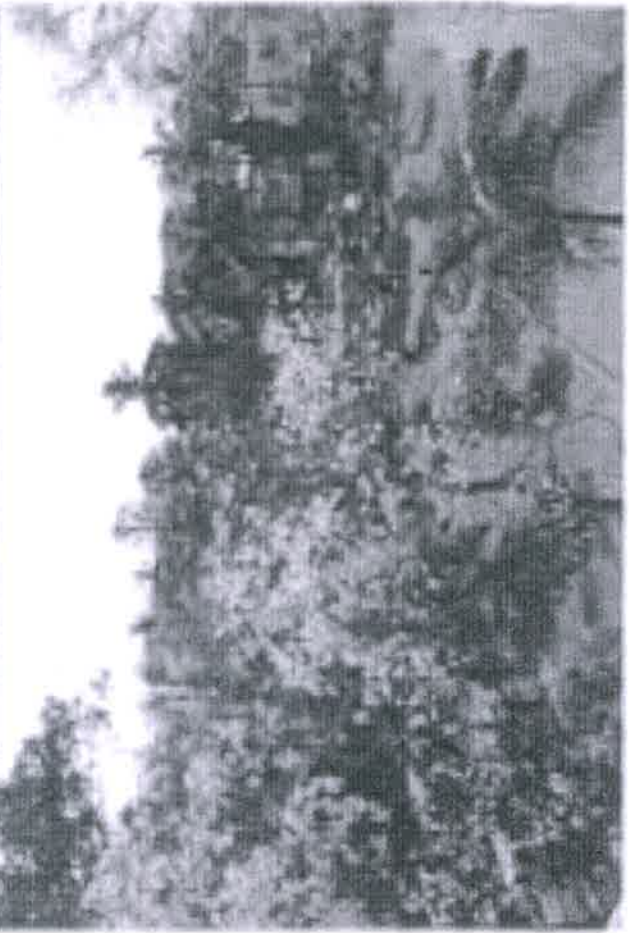
Sr	Details	Compliance status
1	This refers your online proposal No. IA/MH/IND2/72003/2008 dated 15 th March 2018 for the amendment in the environmental clearance to the above project	Noted
2	The proposal is for amendment in the environmental clearance dated 23 rd December 2008 granted by the Ministry in favor of M/s. Jubilant Organosys Ltd. to the project for expansion of molasses based distillery unit from 90 KLPD to 200 KLPD, organic chemical products & 12 MW new Captive Power Plant at Nimbud Nira, Dist. Pune (Maharashtra). The environmental clearance was earlier amended on 21 st December, 2010 for change in product mix (involving increase in production capacity of Acetic Anhydride but decrease in capacity of Acetaldehyde & Acetic Acid), and was later transferred in the name of M/s. Jubilant Life Sciences Limited vide this Ministry's letter dated 17 th July, 2018.	Agreed
3	Now the project proponent has sought further amendment in the said environmental clearance in respect of manufacturing Ethyl Alcohol (200 KLD) to be revised as Ethyl Alcohol (94%) & Anhydrous Alcohol (Ethyl Alcohol – 99.8%).	Agreed

Sr	Details	Compliance status
4	<p>The proposal was considered by the Expert Appraisal Committee (Industry-2) in the Ministry in its meeting held on 26-28 February, 2018 and 24-26 April, 2018. The committee after deliberations, has recommended for the proposed amendment as below: -</p> <p>‘Ethyl Alcohol’ to be read as ‘Ethyl Alcohol (94%) & Anhydrous Alcohol (99.8%)’ subject to their manufacturing through Molecular Sieve Bed Technology with no increase in pollution load.</p>	<p>- Ethyl Alcohol is manufactured through Molecular Sieve Bed Technology which has not increased pollution load.</p>
5	<p>Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords approval for the proposed amendment in the environmental clearance dated 23rd December, 2008, (amended on 21st December, 2010), to the project for expansion of molasses based distillery unit from 90 KLPD to 200 KLPD, organic chemical products, 12 MW new captive power plant by M/s. Jubilant Life Sciences Limited at Nimbut Nira, Baramati, Pune (Maharashtra), as stated in para 4 above.</p>	<p>Noted</p>
6	<p>The project proponent shall seek No increase in Pollution Load certificate from the SPCB. All the other terms & conditions stipulated in the environmental clearance dated 23rd December 2008, amended on 21st December, 2010, shall remain unchanged.</p>	<p>- MPCB has already approved CTO for 100 KLD anhydrous alcohol production with Molecular Sieve Bed Technology under No Increase in Pollution Load.</p> <p>- Status is detailed in the pointwise compliance report against original EC issued on 23/12/2008 and Amended EC dated 21/12/2010 & 16/10/2018 respectively.</p>

Green Belt Development



Green Belt



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
 Fax: 24023516
 Website: <http://mpcb.gov.in>
 Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
 4th floor, Opp. Cine Planet
 Cinema, Near Sion Circle,
 Sion (E), Mumbai-400022

RED/L.S.I (R60)

Date: 06/06/23

No:- Format1.0/CAC/UAN No.MPCB-
 CONSENT_AMMENDMENT-0000009279/ 2306000011

To,
 Jubilant Ingrevia Limited., 24,25,25.2, 26,26.2, 27,
 27.2, 28, 32, 45, 20.1,Village Nimbut Nira, Tal.
 Baramati,Dist. Pune



Sub: Amendment in Consent with amalgamation of existing..

- Ref:**
1. Renewal of consent vide no. format 1.0/CAC/UAN No. MPCB-Consent-0000138114/CR/2208001571 date 31.08.2022 valid up to 31.08.2027.
 2. Amendment application- MPCB-CONSENT_AMMENDMENT-0000009279

Your application No.MPCB-CONSENT_AMMENDMENT-0000009279 Dated 16.09.2022

For: Consent to Renewal under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/08/2027**
2. **The capital investment of the project is Rs.279.5 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Ethyl Alcohol (94%) (Rectified Spirit) OR	100	KL/D
2	Ethyl Alcohol (99.8%) (Anhydrous Alcohol)	100	KL/D
3	Liquid CO2	50	MT/Day
4	Ethyl Acetate	334	MT/Day
5	Acetic Anhydride	210	MT/Day
6	Fusel Oil	165	Lit/Day
7	Alkyl Pyridine	0.18	MT/Day
8	Elemental Sulphur	4	MT/Day

The Distillery capacity shall not exceeded 100 KLPD.

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1050	As per Schedule -I	Bio-digester, MEE & Bio composting to achieve ZLD
		493	As per Schedule -I	Chemical plant - 327 CMD recycle & 166 CMD for gardening
2.	Domestic effluent	156.7	As per Schedule -I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	01	Boiler A & B (15 TPH X 2 no)	1	As per Schedule -II
2	02	Boiler C - 8 TPH	1	As per Schedule -II
3	03	Boiler E- 10 TPH	1	As per Schedule -II
4	04	Boiler D- 5 TPH stand by	1	As per Schedule -II
5	05	Boiler F- 35 TPH	1	As per Schedule -II
6	06	Boiler G - 22.5 TPH	1	As per Schedule -II
7	07	AC2O Furnace -I	1	As per Schedule -II
8	08	AC2O Furnace -II	1	As per Schedule -II
9	09	DG Set -380 KVA X 2 NOs	1	As per Schedule -II
10	10	DG Set - 500 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	ETP Sludge	8	MT/Day	NO	Used in Bio-compost process.
2	Fermentation Sludge	30	MT/Day	NO	Used in Bio-compost process/ and used by Farmers as a soil amendment
3	Coal Ash	112	MT/Day	NO	Used for cement and brick manufacturing, and excess intermittently stored in own land for use.

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**


Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	1.2 Tarry residues and still bottoms from distillation	8.137	MT/M	NA	Send to MEPL for incineration / Cement CO-Processing/reprocessor under Rule 9

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
2	1.2 Tarry residues and still bottoms from distillation	45.625	MT/M	NA	Send to Recycler under Rule 9 or incineration at CHWTSDf/ Cement Co-Processing
3	20.1 Contaminated aromatic, aliphatic or naphthenic solvents may or may not be fit for reuse.	9.732	MT/M	NA	CHWTSDf/ Cement Co-Processing/ reprocessor under Rule 9
4	17.2 Spent catalyst	2.40	MT/M	NA	Send to Recycler under Rule 9 or incineration at CHWTSDf/ Cement Co-Processing
5	5.1 Used or spent oil	943	Ltr/M	NA	Send to Authorized recycler
6	35.3 Chemical sludge from waste water treatment	435	MT/M	NA	CHWTSDf/ Cement Co-Processing
7	35.4 Oil and grease skimming	50	Ltr/M	NA	Send to Authorized recycler/ Co-incineration in In-house coal fired boiler/Cement Co-Processing
8	36.1 Any process or distillation residue	50	MT/M	NA	Send to cement co-processing/ CHWTSDf
9	33.2 Contaminated cotton rags or other cleaning materials	50	Kg/M	NA	Send to CHWTSDf/ Co-incineration in In-house coal fired boiler

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
11. PP shall submit/Extend all existing BG towards operation and maintenance of pollution control system and compliance of consent conditions.
12. The Consent is issued without prejudice to the orders passed or being passed by Hon'ble NGT. PP shall comply with all directions/ order issued or may be issued by Hon'ble NGT.
13. PP shall follow the SOP formulated by CPCB for Bio-composting operation of molasses base Distilleries dtd. 10.08.2018.
14. Industry is allowed to operate even in rainy season as per Office Memorandum of MoEFCC on 25.03.2019 (Composting under cover shed) and instructed to take adequate precaution during rainy season.

15. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

For and on behalf of the
Maharashtra Pollution Control Board.



Dr J. B. Sangewar
Joint Director (WPC)
& incharge Of CAC-Cell

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2795000.00	TXN2205000177	02/05/2022	Online Payment

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC Desk for record & website updation purposes.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. Conditions for Trade effluent:

A]

- I. Distillery Plant- As per your submission, you have provided comprehensive treatment of capacity 1360 CMD for 1050 CMD effluent consisting of Biodigester followed by Reverse Osmosis & MEE followed by Bio-composting on 17.5 acres of Covered shed to achieve Zero liquid discharge. No any case spent wash shall be discharged outside the premises and zero discharge shall be maintained.
- II. Chemical Plant - As per your submission, you have provided comprehensive treatment of capacity 500 CMD for 493 CMD effluent consisting of primary, secondary & tertiary system with Reverse osmosis. 327 CMD is recycled in process and 166 CMD shall be used on land for gardening. No any case effluent shall be discharged outside the premises in any water body directly or indirectly.
- III. Ground water Remediation - As per your application, you have also provided treatment system for remediation of ground water as per Hon'ble NGT order consisting of RO plant-1 of capacity 1171 KLD for the treatment of dug well/bore well water, RO plant-2 of capacity 330 KLD for treatment of reject of 1st RO, MEE/ATFD plant of capacity 200 KLD to treat the reject of 2nd RO and disposal as per Hon'ble NGT order.

- B] i. The applicant shall operate ETP to treat the effluent so as to achieve the following standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No.	Parameter	Standards prescribed by the Board
		Limiting concentration in mg/l except pH
1.	pH.	6.5-8.5.
2.	Oil and Grease.	10.
3.	BOD 27°C 3 days.	100 (disposal for on-land irrigation).
4.	SS.	100.
5.	COD.	250.
6.	Chloride.	600.
7.	Total dissolved solids.	2100.
8.	Nitrate as N.	10.
9.	Arsenic.	0.2.
10.	Hexavalent Chromium.	0.1.
11.	Total Chromium.	0.1.
12.	Lead.	0.1.
13.	Cyanide as CN.	0.1.
14.	Zink.	0.5.
15.	Copper.	2.0.
16.	Nickel.	2.0.
17.	Phenolies as C ₆ H ₂ OH.	5.0.

Sr.No.	Parameter	Standards prescribed by the Board
		Limiting concentration in mg/l except pH
18.	Sulphide,	2.0.
19.	Mercury.	0.01.
20.	Bioassay test 90% survival of fish after first 96 hours in 100 % effluent.	-

ii. In no any case industrial effluent shall find its way outside the factory premises directly/indirectly except for disposal on-land for gardening/irrigation as per bilateral agreement with farmers.

iii. Industry shall take an approval to adopt any alternative technology equivalent to concentration and incineration such as spray dryer with boiler, rotary dryer with aux fuel & boiler gasification, etc. for achieving ZLD.

C] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

2. Conditions for Sewage/ Domestic effluent:

i. You shall provide sewage treatment plant for the treatment of 156.7 CMD sewage generation due to expansion and provide including disinfection facility.

ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH
1.	pH	6.5-9.0
2.	BOD	30
3.	TSS	100

iii. Treated sewage shall be used on land for gardening/ irrigation by achieving above prescribed standards.

3. Conditions for Aerobic composting:

i. The spent wash should be stored in impervious tanks. The spent wash tanks should have proper lining with HDPE and should be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation and undertaking given by the company, storage should not exceed 30 days capacity.

ii. Applicant shall ensure availability of adequate filler material such as press mud, bagasses, agricultural, biological waste as required for effective composting system.

iii. Composted material shall meet the following specifications—

Moisture	30 to 35%
C/N	Below 17
Nitrogen	1.5 to 2%
Phosphorous	1.5 to 2%
Potassium	3 to 4%

iv. The composting site shall be prepared as per the guideline enclosed. Composting shall be such that it includes mechanical mixing and spraying of spent wash along with mechanical aeration to ensure thorough composting. Hand/ manual spraying of spent wash shall not be permitted.

v. The compost leachate (1 gr. of compost mixed with 100 ml. of distilled water and filtered) Filtrate shall conform to the following limit.

pH	Between	Between
BOD 3 days 27 Deg. C	Not to exceed	30 mg/l

vi. A pucca leak proof guard pond of 30 days holding capacity as per (i) above shall cope up with the effluent discharge during short term process disturbances. In case of prolonged disturbance in effluent treatment and disposal system, distillery shall be shut down and shall not be restarted without rectifying the system.

vii. The composting site/pits shall be made leak proof by proper lining. A catch drain shall be provided around the composting site to collect the storage pond for application on compost depots. Arrangements for overturning of compost material in windrows and spraying of spent wash shall be made to ensure appropriate aeration and uniform distribution of spent wash.

viii. In case of composting in open fields, the application of spent wash shall stop by end of April, so that compost is ready and the site is cleared of the composted manure before monsoon (i.e. 31st May). The manure shall be collected and stored on a raised platform with suitable rain cover so that the compost manure is not washed away by rain/runoff.

ix. Characteristic of soil, ground water and effect on crop yield should be monitored in the area where compost is used as manure and results thereof shall be compiled and reported in the Environment statement to be submitted every year.

x. The test wells shall be provided around the compost site for ground water monitoring. The well water quality has to be maintained at 2006 level.

4. The operation of distillery allowed for throughout the year as per CPCB SOP 10.08.2018 & Office Memorandum of MoEFCC on 25.03.2019 and take adequate precaution during rainy season.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	5468.00
2.	Domestic purpose	300.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	2500.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	00

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂
01	Boiler A & B-15 TPH 2 No.	ESP	60	Coal /Biomass	130 MT/Day	0.50	1300.00
02	Boiler C - 8 TPH	Stack	50	Biogas	20400 m3/day	--	--
03	Boiler E - 10 TPH	Stack	50	Biogas (30600 m3/day) + LDO - 24 KL/Day	24 KL/D	1.80	864.00
04	Boiler D - Stand by 5 TPH	Bag filter	40	Coal / Biomass	20 MT/Day	0.50	200.00
05	Boiler F - 35 TPH	ESP	55	Coal / Biomass	260 MT/Day	0.50	2600.00
06	Boiler G - 22.5 TPH	ESP	53	Coal / Biomass	110 MT/Day	0.50	1800.00
07	AC20 Furnace -I	Stack	33	Biogas (687 m3/hr) + LSHS- 6.25 KLD+ Producer gas - 5954 m3/hr	6.25 KL/D	1.80	225.00
08.	AC20 Furnace -II	Stack	48	Biogas - 1804 m3/hr + LSHS- 18.94 KLD+ Producer gas -5954 m3/hr	18.94 KL/D	1.80	681.84

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂
09	DG Set -380 KVA X 2 NOs	Stack	4	HSD	120 Ltr/Hr	1.00	57.60
10	DG Set - 500 KVA	Stack	4	HSD	120 Ltr/Hr	1.00	57.60

- Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³
--------------------	---------------	------------------------

- Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.

SCHEDULE-III
Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	25 Lakh	15 Days/ Extend	towards O & M of PCS and compliance of consent conditions.	31.08.2027	30.04.2028
2	C to R	2 Lakh	15 Days/ Extend	towards O & M of PCS and compliance of consent conditions.	31.08.2027	30.04.2028

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
3	C to R	2 lakh	15 Days/ Extend	towards O & M of pollution control systems and compliance of consent conditions.	31.08.2027	30.04.2028

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

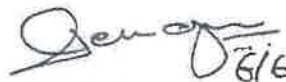
- The Energy source for lighting purpose shall preferably be LED based
- The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
- Conditions for D.G. Set
 - Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - D.G. Set shall be operated only in case of power failure.
 - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
 5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
 6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
 7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
 8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
 9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
 10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
 11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
 12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
 14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
 15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
 16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
 17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
 18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.

32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year .
38. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

For and on behalf of the
Maharashtra Pollution Control Board.



Dr J. B. Sangewar
Joint Director (WPC)
& incharge Of CAC-Cell

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga
Scheme Road No. 8, Opp. Cine Planet Cinema, Near
Sion Circle, Sion (E),
Mumbai - 400 022

Consent No: CAC/ 230710 FTS 0246

Date- 10/07/2023

Corrigendum

To,
Jubilant Ingrevia Limited.,
24,25,25.2, 26,26.2, 27, 27.2, 28, 32, 45, 20.1,
Village Nimbut Nira, Tal. Baramati, Dist. Pune

Sub: Corrigendum in renewal of consent to operate

- Ref: 1. Board's Consent granted vide consent no. Format1.0/CAC/ UAN No. MPCB-
CONSENT – 0000138114/CR/2208001571 Dtd. 31.08.2022 which is upto
31.08.2027.
2. Board's Amendment in Consent granted vide consent no. Format1.0/CAC/ UAN
No. MPCB- CONSENT_ AMMENDMENT – 0000009279/2306000011 Dtd.
06.06.2023 which is upto 31.08.2027.
3. Industry's request letter dated 16.06.2023.

Consequent upon request of industry vide above reference no. 3 in the original
renewal of consent to operate granted vide ref. no 2 and the Corrigendum is granted for
the following:

Conditions No – 4 –

Sr. No.	Description	Permitted (in CMD)	Standard to	Disposal Path
1	Trade Effluent	1050	As per Schedule - I	Bio-Digester, MEE & Bio Composting to achieve ZLD.

Read As

Conditions No – 4 –

Sr. No.	Description	Permitted (in CMD)	Standard to	Disposal Path
1	Trade Effluent	1050	As per Schedule - I	Bio-Digester, RO, MEE & Bio Composting to achieve ZLD.

Conditions No – 7 – Sr. No. 8 –

Sr. No	Category No./Type	Quantity	UoM	Treatment	Disposal
8	36.1 Any process or distillation residue	50	MT/M	NA	Send to Cement Co-processing / CHWTSD.

Read As

Conditions No – 7 – Sr. No. 8 –

Sr. No	Category No./Type	Quantity	UoM	Treatment	Disposal
8	36.1 Any process or distillation residue	50	MT/M	NA	Send to Cement Co-processing / CHWTSD./ Send to Recycler under Rule - 9

SCHEDULE - I

Additional Para- (2.i -2)- As per your application, you have also provided community STP of 600 CMD as per Hon'ble NGT order. As per submission, treated water is reused in plant for cooling tower make up / on land for irrigation to farmers/excess to surface water body.

SCHEDULE – II Condition No. 1

Stack No.	Stack Attached to	APC System	Height in Meters	Type of Fuel	Quantity & UoM	S%	SO2
3	Boiler E – 10 TPH	Stack	50	Biogas (30600 M ³ /day) + LDO – 24 kl/Day	24 KL/D	1.80	864


Read As

Stack No.	Stack Attached to	APC System	Height in Meters	Type of Fuel	Quantity & UoM	S%	SO2
3	Boiler E – 10 TPH	Stack	50	Biogas (30600 M ³ /day) + LSHS 24 kl/Day	24 KL/D	1	480

All the other conditions of the consent referred at 2. shall remain unchanged.

This is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

For and on behalf of the
Maharashtra Pollution Control Board.

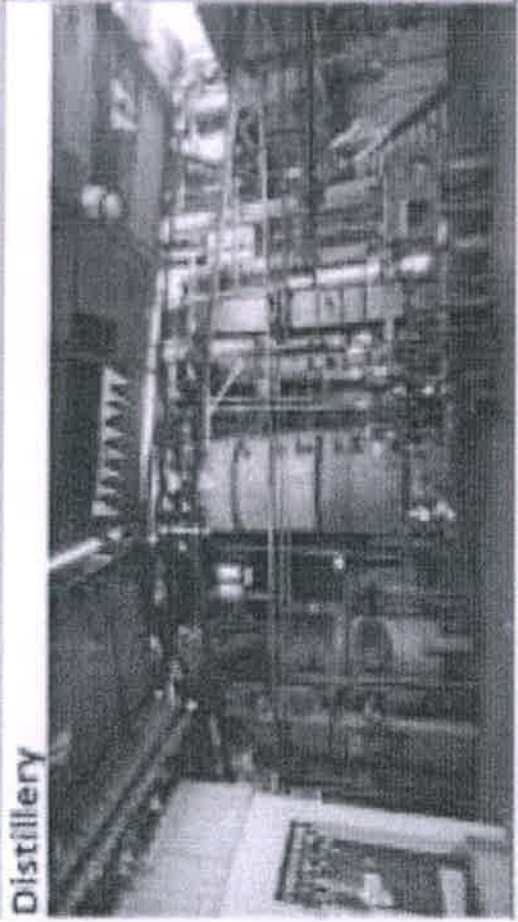

Dr J. B. Sangewar
Joint Director (WPC)
& incharge of CAC-Cell

Copy submitted to:
Regional Officer, Pune & Sub-Regional Officer, Pune-1- for necessary information



Compliance to conditions of EC F. No. J-11011/745/2007-IA-II(I) dated 23.12.2008]

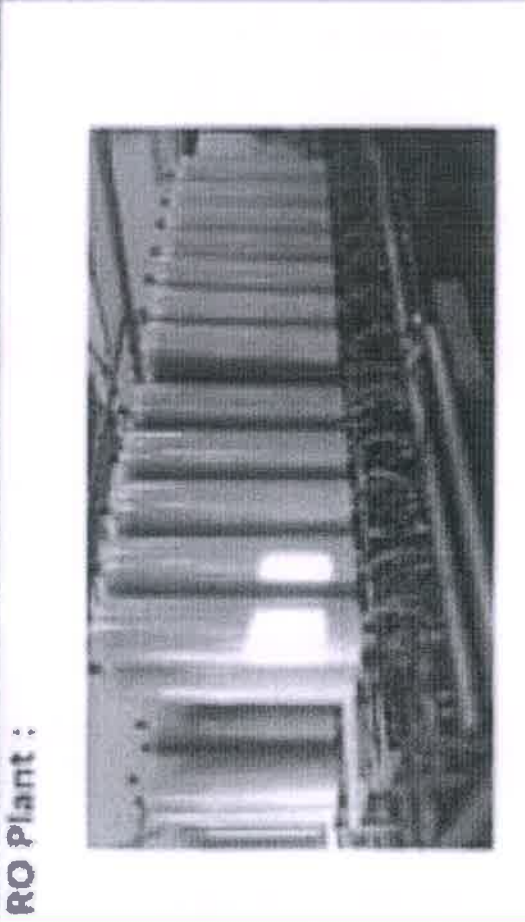
photographs of Distillery unit, Bio-methanation reactor, RO plant, MEE and Bio-compost yard,



Distillery



Bio Methanation Reactor: 02 Nos.



RO Plant :



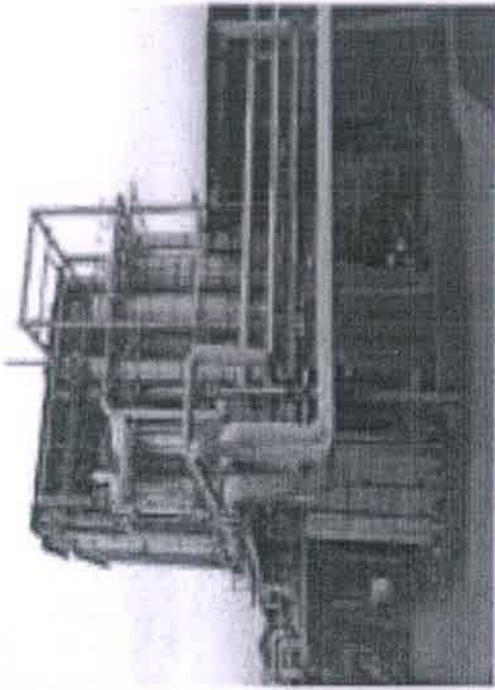
RO Plant :

Compliance to conditions of EC

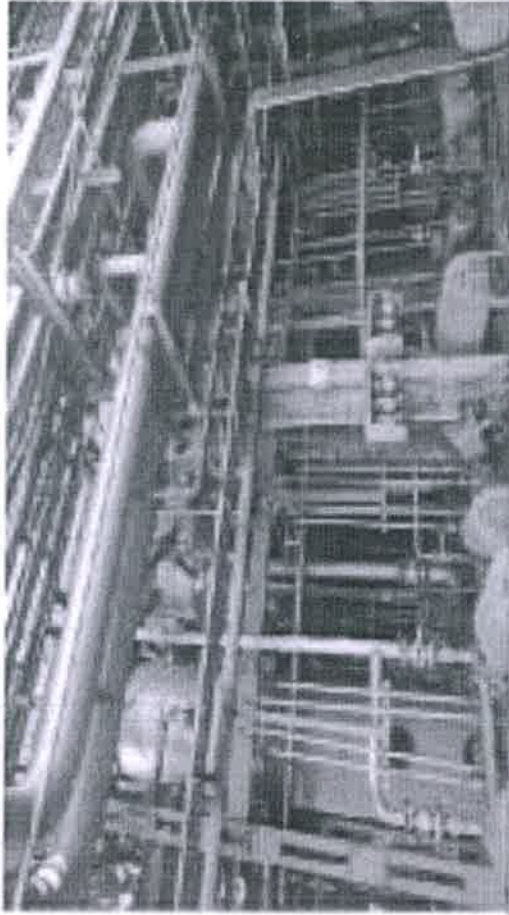
[F. No. J-11011/745/2007-IA-II(I) dated 23.12.2008]

Photographs of Distillery unit, Bio-methanation reactor, RO plant, MEE and Bio-compost yard.

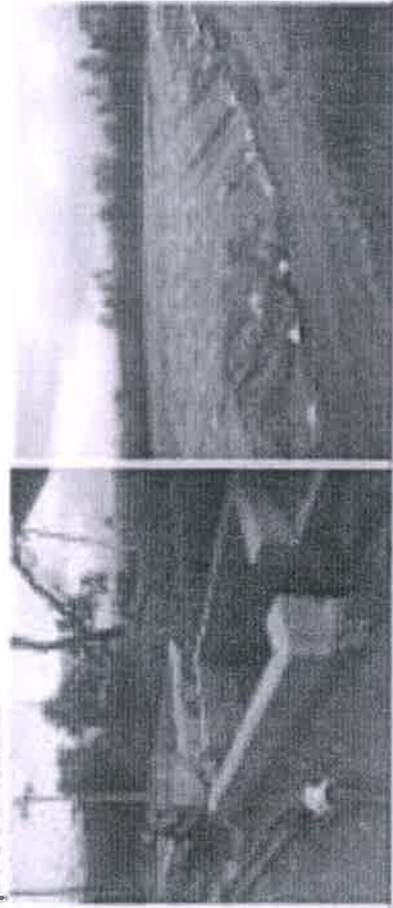
MEE Plant :



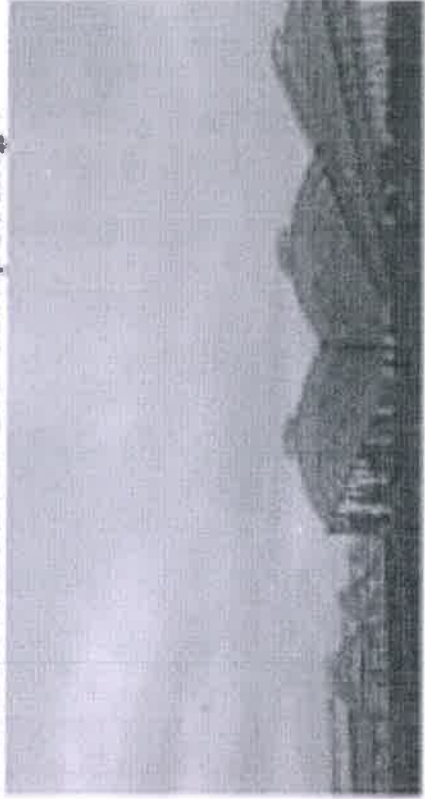
MEE Plant:



**Pit for surface runoff collection / Covered
press mud**



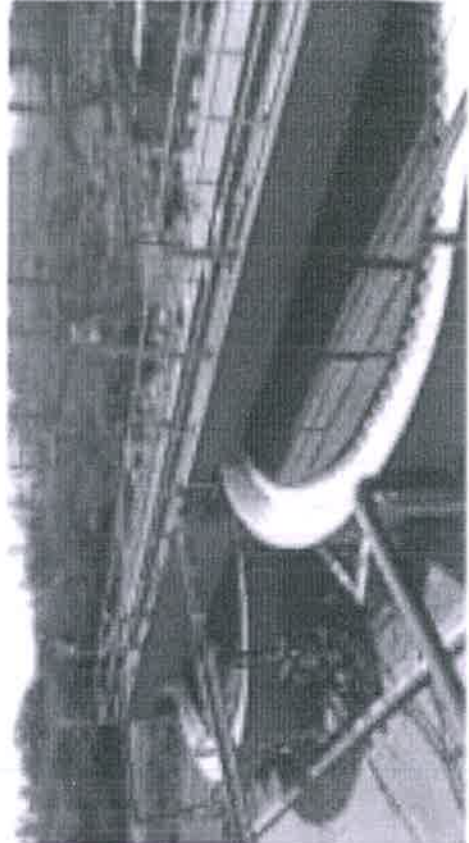
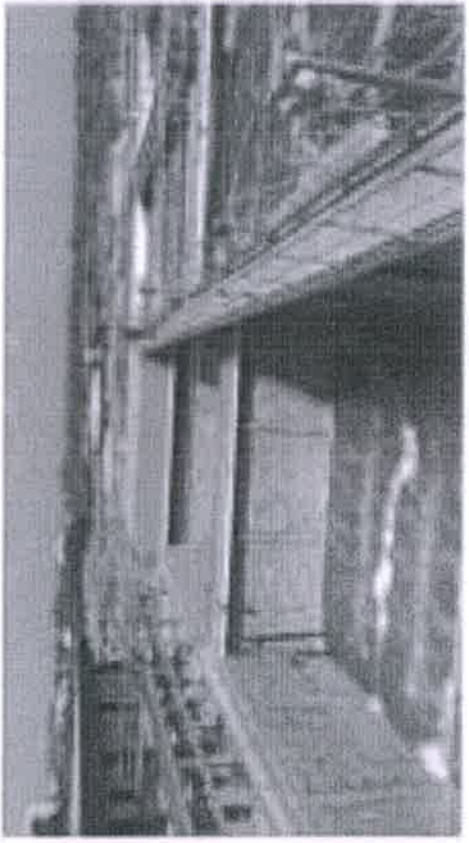
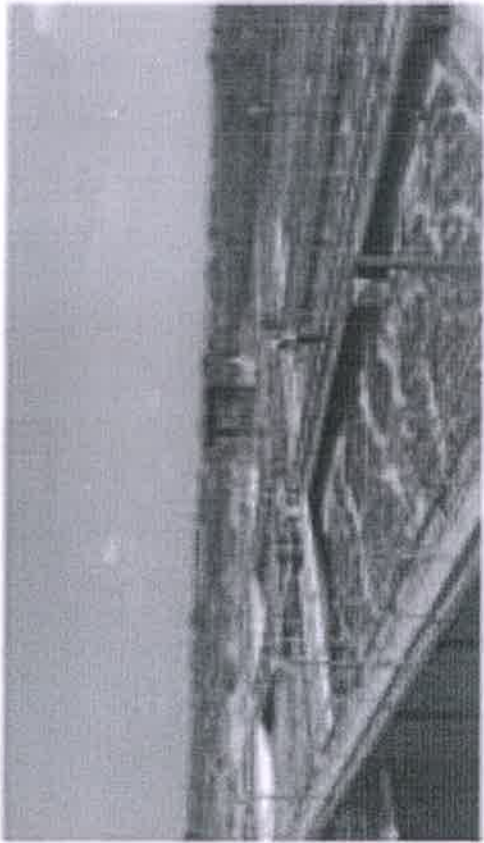
Constructed Shed for Bio Composting :





**Compliance to conditions of EC
[F. No. J-11011/745/2007-1A-II(I) dated 23.12.2008]**

Photographs of ETP





महाराष्ट्र शासन
जलसंपदा विभाग



दुरध्वनी:- ०२०-२९७०५१६७
ई-मेल:- eepidpn@gmail.com

कार्यकारी अभियंता, पुणे पाटबंधारे विभाग, पुणे
नविन प्रशासकीय इमारत, "बी"-विंग, पश्चिम बाजू दुसरा मजला,
पुणे - 01

जा. क्र. पुपावि/प्रशा-४/बिसिं/ ज्युबिलीएंट इन्ग्रेव्हिया/ करारनामा नु./२९४९ सन २०२२ दि. ०३/०६/२०२२
प्रति,

संचालक,
ज्युबिलीएंट इन्ग्रेव्हिया लि. निंबुत,
ता. बारामती, जि. पुणे

विषय : करारनामा नुरनीकरण करणेबाबत
ज्युबिलीएंट इन्ग्रेव्हिया लि. निंबुत, ता. बारामती, जि. पुणे

- संदर्भ : १. मा. मु. अ. (जसं), पुणे यांचे कार्यालयीन पत्र मुअ(जसं)/काअ-२/उअ-३/(४०/२०२१)/प्रशा-८/४६७८ दि. ११/१०/२०२१
२. विभागिय कार्यालयाचे पत्र क्र. पुपावि/प्रशा-४/बिसिं/ ज्युबिलीएंट इन्ग्रेव्हिया/ करारनामा नु./५४३८/२०२१ दि. २१/१०/२०२१
३. उपविभागिय अधिकारी, नीरा पाटबंधारे उपविभाग, नीरा यांचे पत्र क्र. नीरा/बिसिंचन/५१८/२०२२ दि. २६/०५/२०२२(प्राप्त दि. ०३/०६/२०२२)

- विषयांकित प्रकरणी, संदर्भिय पत्र क्र.१ नुसार आपल्या संस्थेच्या नावात बदल करून ज्युबिलीएंट लाइफ सायन्स लि.निंबुत या नवीन नावास मान्यता देऊन ज्ञापन निर्गमित करण्यात आलेले आहे. त्या अन्वये खालील प्रमाणे बदल करण्यात आलेला आहे.

संस्थेचे नाव	स्रोत/उद्भव	पाणी वापराचा प्रकार	एकुण आरक्षण (दलघमी)
ज्युबिलीएंट इन्ग्रेव्हिया लि. निंबुत, ता. बारामती, जि. पुणे	नीरा को. प. बंधारा प्रकल्प	औद्योगिक	१.०९

उपरोक्त नावातील बदलानुसार नवीन नावाने करारनामा करणे आवश्यक असून संदर्भ ३ नुसार करारनाम्याच्या प्रती मंजूरीस्तव प्राप्त झालेल्या आहेत. सदर करारनामा दि. ०३/०६/२०२२ पासून पुढील ६ वर्षाकरीता म्हणजेच दि. ०३/०६/२०२२ पासून ०२/०६/२०२८ पर्यंत खालील अटी व शर्तीच्या अधीन राहून मंजूर करण्यात येत आहे.

अटी व शर्ती:-

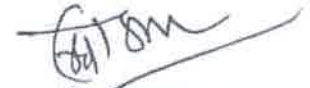
- भविष्यात मागील कालावधीतील देयकांचे पुनर्विलिकन अथवा लेखा परिक्षणामध्ये तफावत आढळून आल्यास सदर थकबाकी भरणे संस्थेस बंधनकारक राहिल.

२. ज्ञापनातील व करारनाम्यातील तसेच सर्व प्रचलित नियम व कायदे पाळणे संस्थेस बंधनकारक राहिल.
३. या सुधारित करारनाम्यातील कोणत्याही अटी/शर्तीचा भंग झाल्यास सदर करारनामा रद्द करण्यात येईल.
४. संस्थेने दोन महिन्याची पाणीपट्टी व लोकल फंडची अनामत रक्कम Bank Guarantee च्या स्वरूपात दिलेली असून ती २१/०५/२०२२ पासून २०/०५/२०२५ पर्यंत वैध आहे. सदर तीन वर्षांचा कालावधी समाप्त होणेपूर्वी प्रचलित नियमाप्रमाणे येणारी अनामत रक्कम Bank Guarantee/DD/Cheque च्या स्वरूपात कार्यकारी अभियंता, पुणे पाटबंधारे विभाग, पुणे यांना जमा करणं आपणास बंधनकारक राहिले. अन्यथा करारनामा आपोआप संपुष्टात येईल याची नोंद घ्यावी.

उपरोक्त अटी व शर्तीचे पालन करणे संस्थेस बंधकारक आहे. तसेच सदर मंजूर करारनाम्याचा कालावधी संपुष्टात येण्यापूर्वी ३ महिने अगोदर पुढिल कालावधीचा करारनामा मंजुरीस्तव सर्व आवश्यक कागदपत्रे व डीडी सह सादर करण्यात यावा.

हे आपले माहिती व आवश्यक कार्यवाहीस्तव.

सोबत :- करारनामा १ प्रतीत



(राजेंद्र धोडपकर)
कार्यकारी अभियंता

पुणे पाटबंधारे विभाग, पुणे १.

प्रत:- उप विभागीय अधिकारी, नीरा पाटबंधारे उप विभाग, नीरा यांना माहिती व वरीलप्रमाणे आवश्यक कार्यवाहीस्तव रवाना.

सोबत:- मंजूर करारनामा पिंपरी पाटबंधारे

प्रत:- शाखाधिकारी भट्टेश्वर शस्त्री शाखा यांना माहिती व वरीलप्रमाणे आवश्यक कार्यवाहीस्तव रवाना.

सोबत:- मंजूर करारनामा २ प्रतीत

प्रत:- सिंचन शाखा, विभागीय कार्यालय अभिलेखे व धारिका जतन करणेस्तव रवाना.



सत्यमेव जयते

**MAHARASHTRA KRISHNA VALLEY
DEVELOPMENT CORPORATION**

WATER RESOURCES DEPARTMENT

(Government of Maharashtra)

Pune Irrigation Circle, Pune - 11
Pune Irrigation Division, Pune - 01

THE AGREEMENT

With

JUBILANT INGREVIA LIMITED

Village Nimbut Tal. Baramati Dist. Pune

Date : 1 / 1 / 2021

03/06/2022



JUBILANT INGREVIA LIMITED, NIRA

BSW



महाराष्ट्र MAHARASHTRA

2021

BD 305524

सोडपत्र-२, Annexure-II

पसलाचा प्रकार / अनुषंगीत प्रकार	
यस्त सोडणी करणारा व्यक्ती का ?	गरीब निमा
पसला देणाऱ्या व्यक्तीचा नाव	
सिद्धक	Jubilant Ingrevia Limited
पत्ता	Nimbut Village, Nira(R.S)
पुस्तक क्रमांक / पसला देणाऱ्याचे नाव	Dist.Pune-412102
पसला देणाऱ्याचे नाव	
पसला देण्याची वेळ	२०२१-२०२२
पसला देण्याची रक्कम	५००
पसला देण्याची वेळ	५००
पसला देणाऱ्याचे नाव	श्री. अशोक पांडुरंग जोशी
पसला देणाऱ्याचे पत्ता	मुद्रक विभाग का. नं. २२१००२२ वि. ना. पुंरा, वि. पुणे.



AGREEMENT

(For non-irrigation water supply)

This agreement made on the 3rd day of June Two Thousand Twenty Two BETWEEN

Jubilant Ingrevia Ltd. Village Nimbut Tal. Baramati Dist. Pune

A company (which expression herein after referred to as ' the company' shall, unless excluded by or it be repugnant to the context or meaning thereof be deemed to include its successors and assignees) registered under , the companies Act 1956 (I of 1956) and



JUBILANT INGREVIA LIMITED, NIRA

Authorized Signatory

No. of correction/addition-02



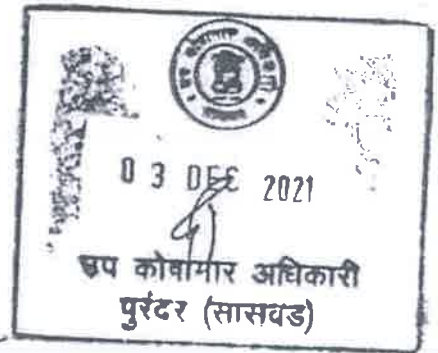
महाराष्ट्र MAHARASHTRA

2021

BD 305525

जोड़पत्र-२, Annexure-II

दस्तावेजा प्रकार/अनुच्छेद क्रमांक	
दस्तावेजा प्रकार/अनुच्छेद क्रमांक	महाराष्ट्र
मिळकतीचे धर्तरे	
बोवट्टा संख्या	Jubilant Ingrevia Limited
मुद्रांक विकत घेतान्याचे नाव	Nimbut Village, Nira(R.S)
मुद्रांक विकत घेतान्याचे नाव	Dist.Pune-412102
मुद्रांक मूल्य रक्कम	400
मुद्रांक विकत घेतान्याची नाव	श्री. अशोक बाबुरंग जोशी
मुद्रांक विकत घेतान्याची नाव	श्री. अशोक बाबुरंग जोशी
मुद्रांक विकत घेतान्याची नाव	श्री. अशोक बाबुरंग जोशी



Having its registered office at Bhartiagram, Gajraula, Jyotiba Phoolay Nagar, Uttar Pradesh, India, PIN Code - 244223 and corporate office at 1A, Sector 16-A, Institutional Area, Noida- 201301 (UP) and having a factory amongst other places at Nira, Village Nimbut, Taluka- Baramati, Dist- Pune, PIN Code- 412102, hereinafter referred to as 'the Company' of the one part' and the Governor of Maharashtra hereinafter referred to as 'the Government/ MKVDC', (Which expression shall unless excluded by or it be repugnant to the context or meaning thereof be deemed to include its successors and assignees) of the other part.

Handwritten note: Herein after referred as "Party of these Party".



JUBILANT INGREVIA LIMITED, NIRA
Handwritten signature:
 Authorised Signatory

No. of correction/addition - 01

AND whereas the Company has paid Nil to government towards the proportional cost of restoration charges of irrigation land.

AND whereas the Government has agreed to grant the aforesaid permission to the Company on the terms and conditions hereinafter appearing.

AND WHEREAS UNDER the said terms and condition the Company has deposited with the Executive Engineer, Pune Irrigation Division, Pune- 01; to the Government /MKDVC a sum of Rs. 15,73,900/- (Rupees Fifteen Lacs Seventy Three Thousand Nine Hundred Only) as Water Charges and Rs. 3,14,780/- (Rupees Three Lacs Fourteen Thousand Seven Hundred Eighty Only) as Local Fund Charges and additional security deposit as per new rate of Rs. 5,24,634/- (Rupees Five Lacs Twenty Four Thousand Six Hundred Thirty Four Only) as Water Charges And Rs 1,04,927/- (Rupees One Lac Four Thousand Nine Hundred Twenty Seven Only) as Local Fund Charges in the form of Bank Guarantee as a security equivalent to the 2 months company's probable annual water charges based on yearly sanctioned quota., and as communicated, for the due observance and performance by the company of the terms and conditions of this Agreement.

The cost of all works in connection with the arrangement for the water supply including the cost of measuring devices and its installation and maintenance shall be borne by the company. The electronic meter is already installed by the company

AND WHEREAS it has agreed that the said amount will not carry any interest, if deposited in cash or by Cheque.

Definitions: -

EXECUTIVE ENGINEER- means the Executive Engineer of Pune Irrigation Division, Pune to the Government.

QUOTA – Quota means yearly demand sanctioned and communicated to Jubilant Ingrevia Limited (Company) Nimbut, Tal- Baramati, Dist- Pune by the Executive Engineer.

CORPORATION: - Corporation means the River Basin corporations like Maharashtra Krishna Valley Development Corporation (MKVDC), Godavari, Marathwada Irrigation Development Corporation (GMIDC), Tapi Irrigation Development Corporation (TIDC) , Konkan Irrigation Development Corporation (KIDC) & Vidarbha Irrigation Development Corporation (VIDC), Municipal Corporation's Municipalities etc.

MIDC: - MIDC means Maharashtra Industrial Development Corporation.

MJP: - MJP means Maharashtra Jeevan Pradhikaran.

Yearly Applicable demand: - Yearly Applicable demand means the water demand communicated by the USER for the period from 1st July to 30th June to the Executive Engineer & sanctioned by Irrigation Department every year in the month of May along with its bifurcation for industrial, domestic and agricultural use, if any.

USER: - User means water using agency like individual Companies users/ industry /Entrepreneur as the case may be. Where the context so requires, User shall mean the Company in this Agreement.

NOW THIS AGREEMENT WITNESSTH AS FOLLOWS:

1.  JUBILANT INGREVIA LIMITED, NIRA

No. 6 correction/addition - 02

JUBILANT INGREVIA LIMITED, NIRA

Sr. No	Description/Use	Quantity { Million Cubic Meter (Mcum) per year }
1	Total sanction quota	1.09 Mcum
2	For industry using potable water bottling	-
3	For other than water as raw material industrial use	1.09 Mcum
4	For Domestic use	-
5	For agricultural use (nursery /gardening) within the first party premises.	-

And use the same for the purpose of the Company's said plant or project for supply to Industrial use for a term of six (6) years commencing from the date 03/06/2022 on the following terms and conditions. This agreement supersedes the previous agreements. H/1 02/06/2022.

b)The quota assigned for domestic use shall not exceed 10% (ten percent) each for the individual water demand .In the cases where in the water used for domestic and agricultural use exceed 10% (ten percent) in each case the excess use shall be charged at industrial applicable rate specified in clause 11 of this agreement.

c)The industrial water requirement, the domestic water requirement and agricultural (nursery/gardening) water requirement of the Company as demanded deemed to be **separate and Independent for the sole purpose and water charges assessment shall be according separate and independent** for the clause of this agreement.

2. The permission hereby granted shall be subject to the provisions of the Maharashtra Irrigation Act 1976 and the Bombay Canal Rule 1934 and subsequent revisions, if any, in force and any executive orders issued in this behalf by Government/ MKVDC and any statutory amendment thereof from time to time and for the time being in force.

3. Nothing herein contained shall be deemed to imply any guarantee on the part of the Government/MKVDC as the availability or otherwise any specific quantity of water and Government/MKVDC shall not to be responsible for the non-supply or inadequate supply of water on any account whatsoever. However, in case of inadequate or non-supply **due to shortage of water or reason beyond the control of the Department** bill shall be charged as per actual quantity of water lifted/supplied during such period.

No. of correction/addition - 02



JUBILANT INGREVIA LIMITED, NIRA

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the water to units/plants other than the above mentioned plant, from the Nira river to any other person, firm or company, corporation or other body. In the event of the Company selling water drawn from the Nira river outside the plant/project area, and then the Government/MKVDC without prejudice to its right will forthwith revoke the permission granted under this Agreement after hearing/considering the Company submissions. The Government/MKVDC shall be entitled to recover from the Company the proceeds of any such sale made by the Company.

5. Government/MKVDC shall be entitled to utilize water of the Nira river available after meeting the reasonable requirements of the Company as to which matter the decision of the Government/MKVDC shall be final and binding on the Company for such purpose as Government deems fit.

6. The permission hereby granted shall not in any manner prejudicially affect the existing water rights vested in upstream riparian owners or the Company; nor shall it in any way, prejudice Government/MKVDC's right to here after launch or implement in public interest any new scheme or schemes of its own, on or in connection with the present source of channel of water supply available to the Company, subject however to the safe-guarding of its reasonable demand referred to in clause (5) above.

7. The Company shall not construct any pick-up weir in the Nira river bed unless the proposals, plans, drawings, specifications, estimates and all other details thereof are previously submitted to and approved in writing by an officer authorized in that behalf by the Government /MKVDC and while granting its approval to the construction of the pick-up weir the Government/MKVDC may impose such conditions as it may in its discretion think fit.

8. a) For ascertaining the quantity of water drawn by the Company the Company shall forthwith at its own cost and after obtaining prior approval in writing thereto of the Executive Engineer, Pune Irrigation Division, Pune install independent pipelines fitted with separate electronic water measuring devices for use of water for the said independent intention (hereinafter referred to as "the said electronic measuring devices ") at such places as indicated by the Executive Engineer, Pune Irrigation Division , Pune . All the pipeline layout showing locations of the metering equipment's from the Nira river for different purposes shall be jointly verified and approved from Executive Engineer, Irrigation Department. Layout from the Nira river shall be approved from the Executive Engineer, Pune Irrigation Division, Pune. No changes in the approved layout shall be made without the prior written approval from Executive Engineer, Pune Irrigation Division Pune. In the event of the Company failing to install and keep in proper working order the said electronic measuring devices for the use of water for the said plant and supply to the said residential colonies as aforesaid the Company shall be liable to pay for the full sanction water quota as mentioned in clause 8(d) (i) and (ii), during such period sanctioned quantity for the period or average use as per last 6 months whichever is higher will be charged at the twice prevailing rates for the said plant.

The said electronic measuring devices shall always be kept under the lock and seal of the Executive Engineer, Pune Irrigation Division, Pune and the key of such lock shall at all times remain with the Executive Engineer, Pune Irrigation Division, Pune The Company first party shall at all times, during the substance of this agreement at its own cost maintain the said electronic measuring devices in proper working order and condition.



JUBILANT INGREVIA LIMITED, NIRA

BSW

Company.

c) If at any time in the opinion of the Executive Engineer, Pune Irrigation Division, Pune, the said electronic measuring devices are found defective, the same shall be tested for its accuracy and the cost of such testing shall be borne and paid by the Company. If on such testing the said electronic measuring devices are found to be defective, the Company shall forthwith get the same repaired and set right at its own cost and in the event of Company failing to do so within to 30 (thirty) days thereafter the Executive Engineer Pune Irrigation Division, Pune may proceed to do so on account and at the cost of the Company.

d) In the event of the said electronic measuring devices going out of order and becoming defective, the quantity of water drawn by the Company during the period when the meter was defective and not working shall be ascertained in the following manner.

i) If the said electronic measuring devices remain out of order for a period of less than 30 days then the quantity of water deemed to be drawn by the USER during the said period shall be taken 90% of the yearly sanctioned demand as communicated in clause No. 1(a) or average for the last six (6) months whichever is higher. with 2 times of applicable rate.

ii) If the said electronic measuring devices remain out of order for a period exceeding thirty days then the quantity of water deemed to be drawn by the USER during the said period shall be taken to be 100% of the yearly sanctioned demand as communicated in clause 1(a) or average for the last six months whichever is higher with twice the applicable rate. This will be made applicable for the period during which the measuring devices remained out of order.

The aforesaid provision will also apply when the quantity of water drawn by the Company cannot be measured on account of removal of the said electronic measuring devices for the repairs or the same in the opinion of the Executive Engineer, Pune Irrigation Division Pune not working properly.

iii) If electronic meter meant for domestic or for agricultural use is not fitted or remains out of order or is removed, the water charges will be levied as per the rates specified for the industrial use for the total quota ^{as} referred to in clause 1 (a) of this agreement.

No. of correction/addition - 01



JUBILANT INGREVIA LIMITED, NIRA

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Prasad

same by a RIGS/NEFI/Demand Draft drawn in the name of the Executive Engineer Pune Irrigation Division, Pune -1 for and on behalf of the Government within a fortnight from the date of receipt of the bill and shall not allow the same to fall in arrears. If the Company fails to pay the amount within this stipulated time (15 days from the date of receipt of the bill i.e. before the end of the current month) extra charge not exceeding 15% per annum of the amount due will be charged. If the delay in payment of water charges exceed six (6) months, the Irrigation department reserves the right to terminate the water supply with a notice of 15 (fifteen) days in advance.

10. The cost of all works in connection with the arrangements for the water supply including the cost of measuring devices and its installation and maintenance shall be borne by the Company.

11. Subject to the provisions of clause (8) hereof, the Company first party shall pay to the Government/MKVDC at the time and in the manner specified on clause (12) hereof water charges for the quantity of water drawn by the company first party from the Nira river as measured by the said electronic measuring devices at the following rates prescribed as per Government Of Maharashtra Water Resources Regulatory Authority (MWRRA's Order) Order No. 1 / 2018 Dated - 11.01.2018; Annexure No. 3 and also as per subsequent clauses and revision in the water rates from time to time in the term of this agreement (The present water rate for drawn from the said source for Industrial Domestic water use is Rs 9.60/- plus 20% per Cum applicable for the period sanctioned quota 1.09 Million Cubic Meter for the sanctioned period) for all Season.

Applicable Rates:

Sr. No	Actual Water Use (Including leakages, Unaccounted-For-Water and commercial use)	Applicable Rates
A	Quantity upto 115% of norm based water use	Standard Rate
B	Quantity between 115% -140 % norm based water use	1.50 times Standard Rate
C	Quantity exceeding 140 % norm based water use	2.00 times Standard Rate

The Authority having considered the provision in Section 11(d) of the Act, and with an intention to promote efficient water use and encourage water conservation and to discourage wastage of water, has ordered assessment at higher rates for water use exceeding the norm based permissible water use.

However, no rights can be claimed by paying water charges at higher rates for such excess water use. Urban Local Bodies should focus on measures such as leakage preventing, controlling, Unaccounted-For-Water (UFW), promotion of water saving, reuse, rainwater, harvesting etc. to keep water use within prescribed limits.



JUBILANT INGREVIA LIMITED, NIRA

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of water specified in clause (1) hereof or for average of the quantity of water drawn by the company during the period of previous three months including the month in question whichever is greater.

ii) For any unforeseen reasons, if the Company would like to reduce the demand of water made earlier/ entered in the agreement, it will be required to make the revised annual demand before the commencement of the year i.e. 1st day of July (Application for the change quota should be submitted to the Executive Engineer, Pune Irrigation Division Pune at least 15 days before 1st July for that year.) On acceptance of such revised demand the Company will be charged as per changed demand for period specified subject to condition that sanctioned quota minus reduced demand will be charged extra with five percent of current rates applicable as commitment charges of water reserved, other condition remaining same. A new supplementary agreement on hundred rupees stamp paper for this changed quantity will have to be executing, which will from part of main agreement.

iii) No penal rate will be levied for the quantity limited to 115% of the sanctioned quota for quantity used in excess of 115% to 140% without sanction, a penal rate of 1.50 times will be charged over basic rate for quantity used in excess of 115% to 140% and without prior sanction a penal rate of 2.0 times will be charged over basic rate in excess of 140% of sanctioned quota. The delay in payment on account of this also will be governed by clause 9 above.

iv) For any unforeseen reasons (such as sudden closure of the units or sudden rise in production etc.) there could be abrupt fluctuation in the demand on both sides, such cases will be decided at Govt. level only, by giving due considerations to the availability of water in the particular sub-basin and so on.

v) In addition to the payment of water charges referred to above the Company shall also pay to the Government/MKVDC local funds Cess at the rate of 20 (twenty) paise per every rupee of basic water charges.

vi) Water bills –The bi-monthly bills for the period from July to April (for 10 months) shall be prepared on the basis of actual quantity of water lifted at the prevailing rate. The bill for the month of May and June (11th & 12th month) shall be prepared by taking review of annual sanctioned demand and the terms and condition of the agreement and then shall be adjusted and paid accordingly. While adjusting so it shall be considered that the 90% (ninety percent) of the annual sanctioned demand has been lifted/used.

The water lifted in excess up to 115% of sanctioned demand shall be charged at single rate and excess above 115% to 140%(without, prior permission) will be charged at penal rate of 1.50 (one and half) times of the normal rate, as mentioned in relevant clause. However, the excess use above 140% will be charged at penal rate 2.00 times of normal rate as mentioned in relevant clause. However the local Cess shall be charged on single rate only.



JUBILANT INGREVIA LIMITED, NIRA

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demands (Bills) by the USER from the Executive Engineer, Pune irrigation division, Pune - 1. On default of the USER to pay the water rate or local fund cess as aforesaid vide clause 9 & 11, the Government /MKVDC shall, without prejudice to its any other rights and remedies be entitled to terminate this agreement forthwith as per clause no.9

b) In the case of dispute regarding quantity of water billed or rate at which the bills is prepared the Company shall first pay the complete amount of the bills and then claim for refund of any excess bill charged giving the reasons/justification of such wrong billing, However, the decision of Superintending Engineer, Pune Irrigation Circle, Pune -1 in this regard after hearing/considering the Company submission shall be final and binding on the Company.

13. The Government/ MKVDC hereby reserves the right to reserve from time to time the water rates and the local funds cess and the Company shall pay such revised water rates and local fund cess as may be fixed by Government/MKVDC from time to time.

14. The USER shall not discharge the effluents in any, nalla or river and shall not pollute directly or indirectly any portion of the said nalla/river even by septic tank effluent. If any water sources are polluted by Company as identified by irrigation/pollution control Board/MIDC/MJP, the Company shall be charged with a penalty of Rs.5000/- (Five Thousand) per such incident per day till it is rectified. The opinion of Maharashtra Pollution Control Board in respect of degree of pollution will be binding on the Company. The Company shall recycle the effluent water for their use such as gardening, recreation, cooling, cleaning, washing & manufacturing process etc. so that at least 30% reduction in consumption of fresh water is achieved.

15. The effluent disposal arrangement made by the Company/industry shall be got approved by the Company from the Maharashtra Pollution control Board/Environmental Department, the Government prior to the commencing the operation of pumping /drawing water from source.

16. The Company shall at all times allow an officer of irrigation Department of the Government /MKVDC authorized in that behalf to inspect the said works as well as the accounts and copies taken of entries from the records maintained by the Company.

17. Any notice or other document to be given to or served upon the Company may be given or served on behalf of the Government/MKVDC by the Executive Engineer, Pune Irrigation Division, Pune and any such notice or document shall deemed to have been duly given to or served upon the Company, if it is delivered at the registered office of the Company or sent by registered post to the registered address for time being of the Company.



JUBILANT INGREVIA LIMITED, NIRA

PSW
Authorised Signatory

to the Government as aforesaid shall be held by the Government/MKVDC as security for the due observation and performance by the Company of the covenants, terms and conditions herein contained. In case of default on the part of the Company to perform and observe any of the said covenants, terms and conditions, it shall be lawful for the Government/MKVDC in its absolute discretion after hearing/considering the company submissions to forfeit the whole of the security deposit or any part thereof without prejudice nevertheless to any rights and remedies which the Government/MKVDC may have against the Company under these presents for the such breach and the Company shall forthwith pay up the amount so forfeited and shall always maintain the original amount of deposit throughout the period of this agreement. On the expiry of the terms of this agreement, the said security deposit of Rs. 25,18,241/- (in words Rs. Twenty Five Lacs Eighteen Thousand Two Hundred Forty One Only) or such part thereof as shall not have been appropriated, as aforesaid, shall be refunded to the Company. As the Bank Guarantee of Rs. 25,18,241/- submitted by the company is valid for three years, it is company's responsibility to renew the same or deposit the said amount in the form of DD/Cheque.

19. All amounts due to the Government/MKVDC by the Company under this agreement shall deemed to be the arrears of the revenue and may, without prejudice to any other rights and remedies of the Government/MKVDC, be recovered from the Company as arrears of land revenue.

20. On the expiry of the terms of this agreement, Government/MKVDC may renew this agreement within 90 days from such further period and on such terms and conditions, as Government/MKVDC may at its absolute discretion deem fit.

& order dated 29/03/2022 of MWRRA.

As Per Order of MWRRA 1/2018 Dated 11/01/2018, All new agreements shall have a validity of maximum six years. The following clause shall be included in the agreements with DBWUs; and it is binding to the Company "Maharashtra Water Resources Regulatory Authority Act 2005 has empowered the Authority to determine the criteria for the distribution of entitlements by the River Basin Agencies on prescribed terms and conditions and also to establish water tariff system. As per the said Act, the entitlement and tariff system is subject to review at intervals of not less than three years. During the agreement period, changes in entitlement and/or prescribed terms and conditions and/or tariff system made by MWRRA shall be binding on both parties." As per Order of MWRRA 1/2018 Dated 11/01/2018, Water used without signing the agreement, will be charged at 2 times the applicable rate.

21. All the costs incurred in the execution of the incidental charges of this agreement including stamp duty shall be borne and paid by the Company.

22. Permission for extra water over and above the sanctioned quota will be granted only when the written permission for expansion etc. is produced by the Company from the Industrial Department. The Company shall be free to make other arrangements, external or internal, to supplement its needs and requirements for water.

23. This agreement supersedes all the previous agreements entered into by the USER with Government/MKVDC in connection with the supply of water from Nira river.

24. The Company should submit their seasonal water indent for every rotation to the Executive Engineer Pune Irrigation Division, Pune on or before starting of the rotation where the source is located on river. The company should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.

No. of correction/addition - 02



JUBILANT INGREVIA LIMITED, NIRA

(Balancing tank) of not less than four month's requirement so as to take care of the dry spell of the source. But if unexpectedly the dry period or the source increased by more than the specified period stipulated herein, the Company will have to make an alternative arrangement for its water requirement at its own cost.

26.If the Company commits a breach of any of the terms and conditions thereof Government/MKVDC shall be entitled to cancel this permission and discontinue the supply of water without payment of any compensation whatsoever to the Company after hearing/considering the company submission.

27.The Government/MKVDC hereby reserves the rights to change/amend/modify/ cancel / revise any of the terms and conditions, rules and regulations of water management and Maharashtra Irrigation Act and rules laid under them, which shall be applicable for this agreement.

28. The all conditions are applicable as Per

- a) Government Of Maharashtra's G.R.No.NI Estt. 2020 / (242 / 20) Irrigation Management (Dhoran-2) Mantralaya, Mumbai-400032 Dated- 09.03.2021
- b) Chief Engineer, Irrigation Department's Dnyapan CE(ID)/EE-2/(49/2020)/PB-8/2938/ Dated 28.06.2021
- c) Government Of Maharashtra's Maharashtra Water Resources Regulatory Authority (MWRRA's Order) Order No. 09 / 2017 Dated - 22.09.2017;
- d) Government Of Maharashtra's Maharashtra Water Resources Regulatory Authority (MWRRA's Order) Order No. 01 / 2018 Dated - 11.01.2018;
- e) Maharashtra Water Resources Regulatory Authority, Letter No.MWRRA /2020/ JALDAR (20-23) /MUDATWAD/ 324, Dated:- 2 JULY 2020,
- f) Maharashtra Water Resources Regulatory Authority, Letter No. MWRRA/2020/JALDAR (20-23)/MUDATWAD/10, Dated: - 5 Jan 2021.
- g) Maharashtra Water Resources Regulatory Authority, Letter No. MWRRA/2020/JALDAR(20-23)/MUDATWAD/288, Dated:- 30 June 2021.
- h) Maharashtra Water Resources Regulatory Authority (MWRRA's Order) Dated - 29/03/2022



JUBILANT INGREVIA LIMITED, NIRA

BSW/CSO

Authorised Signatory

No. of correction/addition - 01

[Signature]
Sectianal office

[Signature]
Sub Divisional Engineer
Nira Irrigation Sub Division

[Signature]
(Rajendra Phouphkar)
Executive Engineer
Pune Irrigation Division

above written.

THE COMMON SEAL OF _____



JUBILANT INGREVIA LIMITED, NIRA

AS. W. D. M.
Authorised Signatory

was pursuant to a resolution
of the Board of Directors of
the first party dated the _____

Here to affixed in the presence of -

1

2

SIGNED, SEALED AND DELIVERED by the Executive Engineer, Pune Irrigation
Division, Pune for and on behalf of the Governor of Maharashtra /MKVDC.

In presence of :-

1

2

[Signature]
Sectional Officer
Pune Irrigation Section

[Signature]
Sub Divisional Engineer
Nira Irrigation Sub Division Nira

[Signature]
Rajendra Phosapkar
Executive Engineer
Pune Irrigation Division
Pune-1.



Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

TEST CERTIFICATE

Page 1 of 2
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, village- Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune.	REPORT NO.	HS/LAB/AA/19330
	REPORT DATE	18/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/821
	SAMPLING DATE	11&12/03/2024
	SAMPLE RECEIPT DATE	13/03/2024
	START DATE OF ANALYSIS	13/03/2024
	END DATE OF ANALYSIS	16/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/AIR/14

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Ambient Air	Horizon Services	Plastic Bottles & Bags	--	Near OHC

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULTS	NAAQS LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	11&12/03/2024		
02	TIME OF SAMPLING	Hrs	12:10		
03	TEST LOCATION		Near OHC		
04	SAMPLING DURATION	Hrs	24		
05	AMBIENT TEMPERATURE (MAX/MIN)	Deg C	31/25		
06	RELATIVE HUMIDITY	% RH	53		
07	PM ₁₀	µg/m ³	75.39	100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	42.50	60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	12.18	80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	23.10	80	IS 5182(part 6):2006 RA 2022
11	NH ₃	µg/m ³	BDL (<30)	400	IS 5182(part 25):2018
12	Lead	µg/m ³	BDL (<0.05)	1.0	IS 5182 (Part 22):2004, RA 2019
13	Ozone	µg/m ³	BDL (<5)	100	IS 5182(part 9):1974, RA 2019
14	Arsenic	ng/m ³	BDL (<3)	06	HS/NABL/AIR/22
15	Nickel	ng/m ³	BDL (<7)	20	IS 5182(part 26):2020

MoEFCC and NABL 17025 certification renewal is under process.



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Page 2 of 2

16	CO (8 Hrs)	mg/m ³	0.099	2.0	IS 5182 (Part 10):1999 RA 2019
17	Benzene	µg/m ³	BDL (<4)	05	IS 5182 (Part 11):2006
18	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	01	IS 5182 (Part 12):2004

Equipment Used: - Fine Dust Sampler, Sr.No.2218 (Polltech Make)
Date of Calibration: -29/05/2023 Next Calibration due: -28/05/2024

REMARK/OBSERVATIONS:

NAAQS – National Ambient Air Quality Standards.

BDL-Below Detectable level

Monitoring results are well within the limits prescribed by NAAQS.

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

MoEFCC and NABL 17025 certification renewal is under process.



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ANALYSIS REPORT

Page 1 of 2
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/19441
M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, Village-Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune	REPORT DATE	26/03/2024
	LAB REFERENCE NO.	HS/LAB/WA/1568
	SAMPLING DATE	11/03/2024
	SAMPLE RECEIPT DATE	13/03/2024
	START DATE OF ANALYSIS	13/03/2024
	END DATE OF ANALYSIS	25/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/QC/02

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Industrial wastewater	Horizon Services	Plastic bottle-1000ml	Treated	ETP

RESULTS OF ANALYSIS

SR NO	DESCRIPTION OF PARAMETERS	UNIT	RESULTS	MPCB LIMITS	TEST METHOD REFERENCE
01	pH	---	7.28	6.5 to 8.5	APHA 24 th Ed. 2023, 4500-H ⁺ B
02	Total Suspended Solids	mg/L	21.00	< 100.0	APHA 24 th Ed. 2023, 2540-D
03	Total Dissolved Solids	mg/L	1550.00	< 2100.0	APHA 24 th Ed. 2023, 2540-D
04	Chemical Oxygen Demand	mg/L	70.40	< 250.0	APHA 24 th Ed. 2023, 5220- C
05	Biochemical Oxygen Demand (27°C for 3 days)	mg/L	19.80	< 100.0	IS 3025 (P 44) RA 2023
06	Chlorides as Cl	mg/L	368.25	< 600.0	APHA 24 th Ed. 2023, 4500 Cl ⁻ B
07	Oil and Grease	mg/L	NIL	< 10.0	APHA 24 th Ed. 2023, 2340 Cl ⁻ B
08	Nitrate as NO ₃	mg/L	4.45	< 10.0	APHA 24 th Ed. 2023, 4500 NO ₃ B
09	Arsenic as As	mg/L	NIL	< 0.2	APHA 24 th Ed. 2023, 3111 B
10	Hexavalent Chromium as Cr ⁶⁺	mg/L	NIL	< 0.1	APHA 24 th Ed. 2023, 3500 Cr B
11	Total Chromium as Cr	mg/L	NIL	< 1.0	APHA 24 th Ed. 2023, 3111 B
12	Cyanide as Cn	mg/L	NIL	< 0.2	APHA 24 th Ed. 2023, 4500- Cn E
13	Lead as Pb	mg/L	NIL	< 0.1	APHA 24 th Ed. 2023, 3111 B
14	Mercury as Hg	mg/L	NIL	< 0.01	APHA 24 th Ed. 2023, 3111 B
15	Zinc as Zn	mg/L	NIL	< 0.5	APHA 24 th Ed. 2023, 3111 B
16	Copper as Cu	mg/L	NIL	< 2.0	APHA 24 th Ed. 2023, 3111 B
17	Nickel as Ni	mg/L	NIL	< 2.0	APHA 24 th Ed. 2023, 3500 Ni B

MOEFCC Certification renewal is under process.



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Page 2 of 2

18	Phenolic Compounds as C ₆ H ₅ OH	mg/L	NIL	< 5.0	APHA 24 th Ed. 2023, 5530 D
19	Sulphide as S ²⁻	mg/L	0.05	< 2.0	APHA 24 th 2023, 4500-S ²⁻ B
20	Bioassay Test	%	92.00	90% survival of fish for 96 hrs. in 100% effluent	IS 6582 (Part 1): 1971

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

MOEFCC Certification renewal is under process.



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ANALYSIS REPORT

Page 1 of 1
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/19442
M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, Village-Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune.	REPORT DATE	26/03/2024
	LAB REFERENCE NO.	HS/LAB/WA/1568
	SAMPLING DATE	11/03/2024
	SAMPLE RECEIPT DATE	13/03/2024
	START DATE OF ANALYSIS	13/03/2024
	END DATE OF ANALYSIS	25/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/QC/02

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Industrial wastewater	Horizon Services	Plastic bottle-1000ml	Treated	STP

RESULTS OF ANALYSIS

SR. NO.	DESCRIPTION OF PARAMETERS	UNIT	RESULTS	MPCB LIMITS	TEST METHOD REFERENCE
01	pH	---	7.62	6.5-9.0	APHA 24 th Ed. 2023, 4500-H ⁺ B
02	Turbidity	NTU	0.60	---	APHA 24 th Ed. 2023, 2130 B
03	Total Suspended Solids	mg/L	16.00	< 100.0	APHA 24 th Ed. 2023, 2540-D
04	Total Dissolved Solids	mg/L	832.00	---	APHA 24 th Ed. 2023, 2540 C
05	Chemical Oxygen Demand	mg/L	25.60	---	APHA 24 th Ed. 2023, 5220- C
06	Biochemical Oxygen Demand (27°C for 3 days)	mg/L	8.10	< 30.0	IS 3025 (P 44) RA 2023
07	Chlorides as Cl ⁻	mg/L	203.45	---	APHA 24 th Ed. 2023, 4500 ClB
08	Sulphates as SO ₄ ⁻²	mg/L	140.00	---	APHA 24 th Ed. 2023, 4500 SO ₄ E
09	Oil and Grease	mg/L	NIL	---	APHA 24 th Ed. 2023, 2340 Cl -B
10	Colloidal Silica as SiO ₂	mg/L	0.25	---	APHA 24 th Ed. 2023, 4500 SiO ₂ C
11	Reactive Silica as SiO ₂	mg/L	0.10	---	APHA 24 th Ed. 2023, 4500 SiO ₂ C
12	Sludge Density Index @15 min	mg/L	1.30	---	Not Specified
13	Alkalinity as CaCO ₃	mg/L	72.00	---	APHA 24 th Ed. 2023, 2320 B
14	Iron as Fe	mg/L	0.11	---	APHA 24 th Ed. 2023, 3500 Fe B
15	Sodium as Na	mg/L	36.00	---	APHA 24 th Ed. 2023, 3500 Na B
16	Potassium as K	mg/L	14.00	---	APHA 24 th Ed. 2023, 3500 K

MOEFCC Certification renewal is under process.



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17	Calcium as Ca	mg/L	28.90	---	APHA 24 th Ed. 2023, 3500 Ca B
18	Magnesium as Mg	mg/L	21.40	---	APHA 24 th Ed. 2023, 3500 Mg B
19	Total Hardness as CaCO ₃	mg/L	160.00	---	APHA 24 th Ed. 2023, 2340 C
20	Fluoride as F ⁻	mg/L	0.12	---	APHA 24 th Ed. 2023, 4500-F ⁻ D
21	Total Organic Carbon	%	0.0021	---	APHA 24 th Ed. 2023, 5310 D
22	Nitrite as NO ₃	mg/L	0.08	---	APHA 24 th Ed. 2023, 4500-NO ₂ ⁻
23	Sulphide as S ²⁻	mg/L	0.25	---	APHA 24 th Ed. 2023, 4500-S ²⁻ B
24	Total Bacterial Count	CFU/ml	1.3 x 10 ¹	---	APHA 24 th Ed. 2023, 9610 B

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

MOEFCC Certification renewal is under process.



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ANALYSIS REPORT

Page 1 of 1
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/19440
M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, Village-Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune	REPORT DATE	26/03/2024
	LAB REFERENCE NO.	HS/LAB/WA/1568
	SAMPLING DATE	11/03/2024
	SAMPLE RECEIPT DATE	13/03/2024
	START DATE OF ANALYSIS	13/03/2024
	END DATE OF ANALYSIS	25/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/QC/02

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Industrial Waste Water	Horizon Services	Plastic bottle-1000ml	Untreated	ETP

RESULTS OF ANALYSIS

SR. NO.	DESCRIPTION OF PARAMETERS	UNIT	RESULTS	MPCB LIMITS	TEST METHOD REFERENCE
01	Oil and Grease	mg/L	2.10	--	APHA 24 th Ed. 2023, 2340 CI -B
02	Phosphate as PO ₄ -	mg/L	1.04	--	APHA 24 th Ed. 2023, 4500- P D

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

MOEFCC Certification renewal is under process.



Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

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TEST CERTIFICATE

Page 1 of 2
 HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, village- Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune.	REPORT NO.	HS/LAB/AA/19339
	REPORT DATE	18/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/821
	SAMPLING DATE	11/03/2024
	SAMPLE RECEIPT DATE	12/03/2024
	START DATE OF ANALYSIS	12/03/2024
	END DATE OF ANALYSIS	16/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/AIR/15

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Stack Emission	Horizon Services	Plastic Bottles & Bags	--	Boiler F

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULTS	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	11/03/2024		
02	TEST LOCATION		Boiler F		
03	TIME OF SAMPLING (00.00)	Hrs	13:00		
04	MATERIAL OF STACK		MS		
05	STACK HEIGHT FROM G.L.	Mtr	55		
06	TYPE OF STACK		Round		
07	FLUE GAS TEMPERATURE	Deg K	408		
08	DIFFERENTIAL PRESSURE	mm WG	3.0		
09	VELOCITY	M/Sec	7.15		
10	DIAMETER OF STACK	M	1.5		
11	STACK AREA	M ²	1.7663		
12	GAS VOLUME	NM ³ /Hr	33227.28		
13	PARTICULATE MATTER	mg/NM ³	41.67	150	IS 11255 (Part 1):1985, RA 2019
14	SO ₂	ppm	45	--	--
		mg/NM ³	117.79	--	IS 11255 (Part 2):1985, RA 2019
		kg/day	93.93	2600	--
15	NO _x	ppm	22	Not Specified	--
		mg/NM ³	41.39	--	IS 11255 part 7:2005, RA 2022



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Page 2 of 2

Equipment Used: -1) Stack Monitoring Kit, Sr.No. 08/2018 (ETCL model)
Date of Calibration: -07/08/2023 Next Calibration due: - 06/08/2024

REMARK/OBSERVATIONS:

N.S. – Not Specified

For **HORIZON SERVICES**

A handwritten signature in cursive script, appearing to read "Manisha Nargolkar".

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

MoEFCC and NABL 17025 certification renewal is under process.




Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

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AMBIENT NOISE MONITORING REPORT (Day Time)

CLIENT'S NAME & ADDRESS	REPORT NO.	HS/LAB/AA/19341
M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, village- Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune.	REPORT DATE	18/03/2024

Date: 11&12/03/2024								
Noise Level Meter								
Make	:	Lutron						
Model	:	SL 4023SD						
Serial No.	:	Q680724						
Calibration Details	:	Calibration Date: 18/01/2024 Next Calibration Due: 17/01/2025						
Calibration Result of Noise Level Meter								
Calibration		94 dB at 1000 Hz				114 dB at 1000 Hz		
Initial		93.7				113.6		
Final		93.9				113.8		
Sampling Rate		1 sec.						
Sr.no.	Time	Test Locations	Sound Parameters (dBA)					
			Leq	L10	L50	L90	Lmin	Lmax
1	15:05 Hrs.	Bio Gas Area	65.21	67.9	64.7	62.6	61.5	68.3
2		Near Dispatch Area	65.98	68.5	61.7	53.3	49.9	77.9
3		Near Main Gate	59.18	61.8	58.2	50.3	49.3	66.7
4		Near Acetic Anhydride Tank Area	67.26	69.2	66.9	64.8	62.5	69.8
Monitoring team & signature		Mr. Atul Vanarse 						
Notes: (1) The method for calculation of average Leq: To convert average of dB (A), each value is to be divided by 10, followed by antilog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10. (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance, (3) Lmax and Lmin are to be reported hourly basis and (4) L50 & L90 also recorded to understand the intensity of the noise for further course of action.								



Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
 • Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email : kmn@hespi.co.in / md@hespi.co.in • www.hespi.co.in

AMBIENT NOISE MONITORING REPORT (Night Time)

CLIENT'S NAME & ADDRESS	REPORT NO.	HS/LAB/AA/19342
M/s Jubilant Ingrevia Limited Gat no.25,26,27,28,32,45, village-Nimbut-Nira, Nimbut, Tal. -Baramati, Dist.-Pune.	REPORT DATE	18/03/2024

Date: 11&12/03/2024

Noise Level Meter

Make	:	Lutron
Model	:	SL 4023SD
Serial No.	:	Q680724
Calibration Details	:	Calibration Date: 18/01/2024 Next Calibration Due: 17/01/2025

Calibration Result of Noise Level Meter

Calibration	94 dB at 1000 Hz	114 dB at 1000 Hz
Initial	93.7	113.6
Final	93.9	113.8

Sampling Rate : 1 sec.

Sr.no.	Time	Test Locations	Sound Parameters (dBA)					
			Leq	L10	L50	L90	Lmin	Lmax
1	22:00 Hrs.	Bio Gas Area	60.48	63.1	60.1	53.0	50.1	65.3
2		Near Dispatch Area	56.92	59.5	56.2	52.2	50.3	60.5
3		Near Main Gate	50.98	54.7	50.0	42.4	39.2	58.2
4		Near Acetic Anhydride Tank Area	64.35	66.1	63.7	61.4	58.2	69.4

Monitoring team & signature : Mr. Atul Vanarse

Notes: (1) The method for calculation of average Leq: To convert average of dB (A), each value is to be divided by 10, followed by antilog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10. (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance, (3) Lmax and Lmin are toe reported hourly basis and (4) L50 & L90 also recorded to understand the intensity of the noise for further course of action.



Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

Instrument Used: DIGITAL Sound Level Meter (data logging) Q680724

Make. Lutron Make

Calibration Date: 18/01/2024 Next Calibration Due: 17/01/2025

Test Method- Lab SOP Based on IS 9989-1981 / CPCB

Protocol for Ambient Noise Level Monitoring

July 2015, CPCB Regulation on Ambient Noise and Manufacturers Manual

REMARK/OBSERVATIONS:

Note: Day time shall mean from 6.00 a.m. to 10.00 p.m.

Limits: Leq dB (A)

≤75 dB (A) For Day Time

Note: Night time shall mean from 10.00 p.m. to 6.00 a.m.

Limits: Leq dB (A)

≤70 dB (A) For Night Time

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****

MoEFCC and NABL 17025 certification renewal is under process.

VINAYAK MEDICARE CENTER

Industrial Physician & Certifying Surgeon.

(Directorate of Industrial safety & Health Govt. of Maharashtra)

(Expertise in Complete Health check up of Factory Workers and Staff at site as per factory act norms)

Company Name: Jubilant Ingrevia Limited		Name : Govind Sonnar	
Address : Village Nimbut, Rly. Station, Nira, Tal-Baramati, Dist Pune-412102, Maharashtra India		Emp.No : 19013420	Sr.No : 2
Exam Date : 18.10.2023		Employer : Jubilant	
		Department : Boiler	Age : 35
Family History :	NAD		
Past History :	NAD		
Physical Examination	Cardiovascular System	Respiratory System	Alimentary System
Height : 165	Pulse : 72	Trachea : Normal	Liver : Normal
Weight : 67	BP : 110/70	R.S : NAD	Spleen : Normal
BMI : 24.61	Heart Sound : Normal	CVS : NAD	Kidney : Normal
Skin : NAD Nose : Normal		CNS : NAD	Hernia : NO
Ear : NAD Oral Cavity : WNL			Hydrocele NO
Pallor : Absent			
Vision Test	Near RT Eye N/6	Distance RT 6/6	Glasses Without Glasses
	Near LT Eye N/6	Distance LT 6/6	Colour Vision Normal
Audiometry Test			
Central Nervous System :	X-Ray Chest NA	PFT : ↓ Normal	Ear Test Rt, Normal, Lt, Normal,
	ECG : WNL		
Pathology Examination		Differential Leucocyte Count	
Test Description	Actual	Normal Range	Test Description
Haemoglobin	15.9	M: 13-18 F: 12-16 Gm/Dl	Neutrophils
W.B.C	7000	4000-11000 / cmm	Lymphocytes
R.B.C	5.06	M: 4.6-6.2 F: 4.8-5.2 Mil/cmm	Eosinophils
Platelet Count	239000	1.5- 4.5 Lac/cmm	Monocytes
	-		Basophils
RBS	126	70 - 140 mg/dl	Blood Group O Rh Positive
Urine Examination			
Physical Examination	Chemical Examination		Microscopic Examination :
Quantity 3 ml	Protein Absent		Epithelial cells 2-3/hpf
colour yellow	Sugar Absent		Pus cells 1-2/hpf
Appearance clear	Acetone Absent		Cast Absent
Deposit NIL	Bile salt Absent		Other Finding Nil
Specific Gravity 1.014	Bile pigment Absent		Urine Report : Normal
Advice :			
Remark : Fit For Job. Employee Is Free From Any Infectious, Contagious & Communicable diseases.			

Pratibha
 Dr. Pratibha Bandekar
 MBBS, AFIH
 Reg No. 60520
 A C S 24 PB 2019
 Certifying Surgeon



MANISH DIAGNOSTIC CENTER
An Iso 9001: 2015 Certified

Health Check-Up by Certifying Surgeon Approved by Gov.Of Maharashtra (DISH)
Email : info.manishdiagnostic@gmail.com

Lab ID : 2
Patient Name : Govind Sonnar
Ref By : Dr
Cons.Dr. : -
Location : Sample Collected At Factory

Reg Date : 18.10.2023
Report Date: 19.10.2023
Age : 35
Gender : Male

H A E M O G R A M
BY FULLY AUTOMATED CELL COUNTER

<u>INVESTIGATION</u>	<u>RESULT</u>	<u>UNIT</u>	<u>REF RANGE</u>
			NORMAL VALUES
HAEMOGLOBIN [HB] :	15.9	gm/dl	Male : 13 - 17 Female: 11.5 - 15.5
WHITE BLOOD CELLS [WBC] :	7000	/ cumm	4000 - 10000
Total Leucocytes Count :			
DIFFERENTIAL COUNT :			
Neutrophils :	75	%	50 - 70
Lymphocytes :	20	%	20 - 40
Eosinophils :	3	%	01 - 06
Monocytes :	2	%	01 - 08
Basophils :	0	%	00 - 00
R.B.C. COUNT :	5.06	' x 10 ^ 6 / ul	Male : 4.0 - 6.0
PCV/HCT :	47.3	%	36-44
MCV :	93.6	fl	76-96
MCH :	31.4	pg	26-32
MCHC :	33.6	g/dl	31-35
RDW :	13.3	%	12-15
MPV :	8.7	fl	7-10
PLATELET COUNT :	239000	/ cumm	1.5 - 4.5 lac./cumm

BIOCHEMISTRY TEST

<u>INVESTIGATION</u>	<u>RESULT</u>	<u>UNIT</u>	<u>REF RANGE</u>
S.G.O.T (ALT) :	15	U/L	8- TO 40
S.G.P.T (ALT) :	10	U/L	5- TO 35
S Creatinine :	0.9	mg/dl	0.5 to 1.5
Randome Blood Sugar(RBS) :	126	mg/dl	70-140


DR. ARCHANA KENDRE
MBBS, D'PB
CONSULTING PATHOLOGIST



MANISH DIAGNOSTIC CENTER

An Iso 9001: 2015 Certified

Health Check-Up by Certifying Surgeon Approved by Gov.Of Maharashtra (DISH)
Email : info.manishdiagnostic@gmail.com

Lab ID : 2
Patient Name : Govind Sonmar
Ref By : Dr
Cons.Dr. : -
Location : Sample Collected At Factory

Reg Date : 18.10.2023
Report Date: 19.10.2023
Age : 35
Gender : Male

LIPID PROFILE

TEST DESCRIPTION	RESULT	REFERENCE RANGE	Units
Serum.CHOLESTEROL	157	Desirable : <200 Borderline-High : 200-239 High : \geq 240	mg/dl
Serum.TRIGLYCERIDE	120	Normal : <160 Borderline-High : 160-199 High : 200-499 Very High : \geq 500	mg/dl
Serum HDL CHOLESTEROL	60	Desirable : >80 Borderline- : 80-90 Low : <35	mg/dl
LDL CHOLESTEROL	73	Optimal : < 100 Near Optimal : 100-129 Borderline-High : 130-159 High : 160-189 Very High : \geq 190	mg/dl
NON HDL CHOLESTEROL	97	Diabile : below 130 Borderline-High : 130-159 High : 160-189 Very High : above 190	mg/dl
VLDL CHOLESTEROL	24	0 to 40	mg/dl
CHOL/HDL CHOL (Ratio)	2.62	2 to 5	
LDL CHOL/HDL (Ratio)	1.22	0 to 3.5	

Note : Above reference ranges are as per ADULT TREATMENT PANEL III RECOMMENDATION by NCEP (May 2015).

BIOCHEMISTRY TEST DONE ON AUTOMATED BIOCHEMISTRY ANALYZER.

HIGH HDL CHOLESTEROL & LOW LDL CHOLESTEROL VALUES ARE GOOD FOR HEART



DR. ARCHANA KENDRE
MBBS, DPM
CONSULTING PATHOLOGIST

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@mpcb.gov.in



Kalpataru Point, 3rd & 4th floor, Sion- Matunga
Scheme Road No. 8, Opp. Cine Planet Cinema
Near Sion Circle, Sion (E),
Mumbai - 400 022

Visit At : <http://mpcb.gov.in>

Red/L.S.I

Date: 17/12/2011

Consent No: BO/PAMS/Amend/E/EIC NO.PN-11361-11/CC- CAC- 79

Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s Jubilant Life Sciences Ltd
Village Nimbut-Nira, Rly Station Nira
Tal-Baramati, Dist-Pune

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Establish is granted for a period up to: Commissioning of the unit or 5 years whichever is earlier.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ethyl Alcohol	110	KL/D
2	Acetic anhydride	125	Ton/D
3	Ethyl acetate	136	Ton/D
4	Carbon dioxide-By Product	60	Ton/D
5	Power	12	MW

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 767.00M³.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 155.00M³.
(They shall not increase in the domestic effluent due to the expansion)
- (iii) Trade Effluent :

Treatment: The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1	pH	Between	5.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.



3	BOD 3 days 27 deg C	Not to exceed	100 mg/l
4	COD	Not to exceed	250 mg/l.
5	Oil & Grease	Not to exceed	10 mg/l
6	Total Dissolved Solids	Not to exceed	2100 mg/l
7	Chlorides	Not to exceed	600 mg/l
8	Sulphates	Not to exceed	1000 mg/l
9	Total Ammonical Nitrogen	Not to exceed	50 mg/l

(iv) **Trade Effluent Disposal:**

- A) Treatment: The applicant shall provide comprehensive treatment system consisting of multi effect evaporator followed by well slop boiler, Potash Rich Ash from slop boiler will be mixed in the bio-compost of existing plant. The trade effluent from Ethyl Acetate Plant will be recycled to Alcohol Distillery.

The arrangements provided for the above treatment shall be leak proof and no effluent or leakage / seepages shall find its way into the environment thereby causing pollution of surface ground / generated water. In no case, at any time effluent shall finds its way to any water body directly or indirectly.

(They shall be zero discharge due to the proposed expansion in production as listed in Sr. No 2 above)

Conditions for Aerobic Composting:

- i) The spent wash should be stored in impervious tanks. The spent wash tanks should have proper lining with HDPE and should be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation and undertaking given by the company, storage should not exceed 30 days capacity.
- ii) Applicant shall ensure availability of adequate filter material such as press mud, baggasses, agricultural, biological waste as required for effective composting system. Documentary evidence to this effect shall be submitted to the Board.
- iii) Composted material shall meet the following specifications:-
- | | | |
|-------------|-----|------------|
| Moisture | ... | 30 to 35 % |
| C/N | ... | Below 17 |
| Nitrogen | ... | 1.5 to 2 % |
| Phosphorous | ... | 1.5 to 2 % |
| Pottasium | ... | 3 to 4 % |
- iv) The composting shall be such that it includes mechanical mixing and spraying of spent wash alongwith mechanical aeration to ensure thorough composting Hand / Manual spraying of spent wash shall not be permitted.
- v) The compost leachete (1 gr of compost mixed with 100 ml of distilled water and filtered) Filtrate shall conform to the following limit.
- | | | |
|-------------------|-----|--------------------|
| pH | ... | Between 7.5 to 8.0 |
| BOD 3 days 27 ° C | ... | 30 mg/l |
- vi) A pucca leak proof guard pond of sufficient holding capacity should be provided to cope up with the effluent discharge during short term process disturbances or in monsoon. In case of prolonged disturbance in effluent treatment and disposal system concerned units shall be shut down and shall not be restarted without rectifying the system.



- vii) The composting yard site shall be made leak proof by proper lining. A catch drain shall be provided around the composting site to collect the storage pond for application on compost depots. Arrangements for over turning of compost material in windows and spraying of spent wash shall be made to ensure appropriate aeration and uniform distribution of spent wash.
- viii) In case of composting in open fields, the application of spent wash shall stop by end of April, so that compost is ready and the site is cleared of the composted manure before monsoon (i.e.31st May). The manure shall be collected and stored on a raised platform with suitable rain cover so that the compost manure is not washed away by rain / runoff.
- ix) Characteristic of soil, ground water and effect on crop yield should monitored in the area where compost is used as manure and results thereof shall be compiled and reported in the Environment Statement to be submitted every year.
- x) The test wells shall be provided around the compost site for ground water monitoring. The well water quality has to be maintained at 2006 level.
 - a) Adequate numbers of ground water quality monitoring stations by providing plezometers around the compost plant and the project area should be set up sampling and trend analysis monitoring must be made on monthly a basic and report submitted to SPCB.
- xi) Top pullover impervious sheets shall be provided for entire compost yard pressmud and compost storage so as to cover the same during untimely rains and idle period.
- xii) The operation of distillery should be restricted to 270 days in a year and that it will not operate during rainy season.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids	Not to exceed	100	mg/l.
(2) BOD 3 days 27o C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment Disposal
1	Fermentation slud	8.00	Ton/D	Bio-composting
2	Coal Ash from imported coal.	47.00	Ton/D	Brick Mfg and Land filling

(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

4. CONDITIONS FOR MOLASSES STORAGE:

- i) The molasses shall be properly collected and stored in steel tanks which shall be absolutely leak proof. At no stage of handling of molasses, there shall be leakage of spillage.



- ii) The capacity of tanks for storage of molasses shall be such that at no time the molasses shall be required to be stored in kutch pits. Adequate space storage capacity shall be available to take care of bumper production of sugar, non-lifting of molasses etc.
- iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant / molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.
- iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board, intimation of intention to destroy or dispose of the molasses shall be given to the Board atleast 15 (fifteen) days in advance by registered post under intimation to the Sub Regional Officer and Regional Officer of the Board under whose jurisdiction the factory is situated.
- v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm. height, total capacity in tones shall be displayed prominently near the tank.
- vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Storage and Supply Regulation, 1965"
- vii) The industry should monitor effluent quality regularly.

5. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

(i) Domestic purpose	158.00 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	1606.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	3884.00CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

6. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a) Control Equipment:

- I. ESP for new high pressure coal fired boiler and bag filters for stop fired boiler.
- II. There shall not be any secondary (fugitive) emissions.

b) Standards for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	150 mg/Nm ³
(ii) SO ₂	Not to exceed	7200 Kg/day



7. Standards for Stack Emissions:

- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	Coal	310.00	MT /D
2	Spent Wash cake	25.00	MT /D

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler F (High Pressure Boiler)	75.00
2	Boiler G (Slop Fired Boiler)	45.00
3	Furnace -AC2OII Plant	47.00
4	D.G Set (600KVA)	4.00

- (iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (iv) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- (vi) **Other Conditions:**
- 1) The industry should not cause any nuisance in surrounding area.
 - 2) The industry should monitor stack emissions and ambient air quality Regularly.

8. C.R.E.P. Conditions for Distillery:

- 1) Existing Molasses – Based Distilleries
Non-compliant distilleries will furnish bank guarantee and action plan to concerned State Boards to ensure compliance with any of combination of the following measures
 - i) Compost making with press mud / agricultural residue /Municipal Waste.
 - ii) Concentration and drying /incineration.
 - iii) Treatment of spent wash through bio-methanation followed by two stage secondary treatment and dilution of treated effluent with process water for irrigation as per norms prescribed by CPCB/MoEF.
 - iv) Treatment of spent wash through bio-methanation followed by secondary treatment (BOD<2500 mg/l) for controlled discharge into sea through a proper submerged marine outfall at a point permitted by SPCB/CPCB in consultation with National Institute of Oceanography (NIO) so that Dissolved Oxygen in the mixing zone does not deplete.



- v) For taking decision on feasibility of one time controlled land application of treated effluent a study will be undertaken within three months.

Road map for utilization of spent wash by the distilleries to achieve zero discharge in inland surface water courses will be as -100 % utilization of spent wash.

Till 100% utilization of spent wash is achieved controlled and restricted discharge of treated effluent from lined lagoons during rainy season will be allowed by SPCB/ CPCB in such a way that the perceptible colouring of river water bodies does not occur.

9. Conditions for D.G. Set

- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- D.G. Set shall be operated only in case of power failure
- The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

10. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	1.2 Tarry residues	6520.00	Kg/M	CHWTSDf for incineration
2	20.1 Contaminated aromatic, aliphatic or naphthenic solvents	3000.00	Kg/M	CHWTSDf for incineration
3	5.1 Used /spent oil	630.00	Ltr/M	Send to authorized recycler

- (ii) Treatment: - NIL



11. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
 - ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
 - iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
 - iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
 - v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
 - vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
 - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
 - viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
 - ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
 - Xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
 - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
10. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from other Government agencies as may deemed fit necessary.
11. The industry shall comply the Environmental Clearance conditions obtained from MoEF, dated 23/12/2008 and amended dated 21/12/2010.



12. The industry shall apply for amalgamation of consents.
13. The applicant shall obtain consent to operate before starting actual commercial Production.
14. This consent is issued subject to no increase in pollution load due to change in product mix
15. This Consent is issued pursuant to the decision of Consent Appraisal Committee meeting of the Board held on 07/12/2011.
16. This amended consent granted has an overriding effect to earlier consent vide No MPCB/PCI-III/EIC No. PN-1810-07/CC-251, dated 22/08/2008 valid upto commissioning of the unit.
17. The Capital investment of Proposed Activity is Rs 42.69 Crores and total Capital investment of the five (5) units (existing and proposed) is Rs. 300.22 Crores .




 10.12
 (Milind Mhaskar, IAS)
 Member Secretary

To,
M/s Jubilant Life Sciences Ltd
 Village Nimbut-Nira, Rly Station Nira
 Tal-Baramati, Dist-Pune

Copy to:
 Regional Officer, MPCB, Pune / SRO, Pune I

-They are directed to ensure the compliance of consent conditions .

Chief Accounts Officer / Cess Branch, MPCB / Master file.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	25000/-	028514	29 Sep 2011	ICICI Bank
2	50000/-	126274	05 Oct 2011	SBI Bank